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**Changes in Classification of  
Physician Specialty**

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## Table of Contents

Definitions, data sources, and methodology/assumptions

### Specialty classification notes

Table 1. Distributions of Medicare physicians in-force in 1991  
by specialty classifications

Table 1A. Distributions of Medicare physicians in-force in 1991  
by specialty classifications (physician specialties only)

Table 2. Distributions of Medicare allowed charges in 1991  
for physicians in-force in 1991, by specialty classifications

Table 3. Average Medicare allowed charges  
per physician in 1991, by specialty classifications

Table 4. Distributions of Medicare allowed services in 1991  
for physicians in-force in 1991, by specialty classifications

Table 5. Comparison of percent changes resulting from  
redistributions of physician specialty classification

Table 6. Number of Medicare physicians with a specialty change by source of data, region,  
and state/carrier, 1991-1993

Table 7. Comparison of Medicare physicians' specialty changes  
by region, state/carrier, and source of data, 1991-1993

Table 8. Comparison of specialty changes between UPIN file match and carrier reports

Table 9. Summary of UPIN files by activity status

Table 10. Inventory of Medicare physicians by region and state/carrier, 1991-1993

Table 11A. Distribution of active physicians by number of reported specialties, 9/91 UPIN file

Table 11B. Distribution of active physicians by number of reported specialties, 1/93 UPIN file

### Appendix

Exhibit 1. Status of data acquisition

Exhibit 2. Number of distinct States/carriers and physicians with a change in specialty  
classification, by source of information and HCFA region

Exhibit 3 Description of States/carriers for which data submittals were either unusable or  
partially unusable

## DEFINITIONS, DATA SOURCES AND METHODOLOGY/ASSUMPTIONS

### PHYSICIAN SPECIALTY CHANGE STUDY

#### 1. Definitions

- Physician - Section 1861(r) of the Social Security Act defines physicians as doctors of medicine and osteopathy, dentists, podiatrists, optometrists and chiropractors.
- Physicians In-Force - Number of active and valid Medicare UPIN's.
- UPIN - Medicare unique physician identification number.
- Valid UPIN - First character is alpha; remaining five characters are numeric.
- Active UPIN - UPIN's with at least one practice setting on UPIN/MPIES files for which there is not a date of death > 0 or a D in the DRIP field; there is an exception if a 999999 exists in the date of death field with other than a D in the DRIP field in which case the UPIN is deemed to be active.
- UPIN File - A derivative data file from the national Registry of Medicare Physician Identification and Eligibility System (MPIES). These files are used for research and statistical applications.
- Specialty change - A change in the classification of Medicare specialty for a physician which was reported in 1992 (a small number of specialty changes during the last quarter of 1991 are also included). It represents a specialty change in at least one active practice setting of a physician.

#### 2. Data Sources

- Physician specialty change reports submitted by Part B carriers in response to BPO/HCFR instructions dated 5/12/92.
- 9/91 UPIN/MPIES files.
- 1/93 UPIN/MPIES files.
- 1991 Specialty Run from the Part B Extract Summary System (BESS Data) dated 6/21/93.

#### 3. Methodology/Assumptions

- a. Counts of changes in specialty classification
  - Over 53,000 active physicians had a change of specialty in at least one of their practice settings.
  - The vast majority of these changes resulted from the opportunity HCFA gave to physicians to redesignate their specialty in 1992 (see BPO/HCFR instructions dated 12/9/91).
  - 40 percent of the specialty changes used in this study were derived from reports submitted by 37 Medicare Part B carriers in response to the physician survey. The reports submitted by the remaining carriers were not usable in this study.

## DEFINITIONS, DATA SOURCES AND METHODOLOGY/ASSUMPTIONS

### PHYSICIAN SPECIALTY CHANGE STUDY

- Additional changes in the designation of specialty were derived from comparative analyses matching specialty designations for physician practice settings on the 9/91 and 1/93 UPIN/MPIES files for all Part B carriers. If the same specialty change for a physician was recorded on both the carrier reports and the UPIN files, it was counted only once.
- b. Redistributions of physicians by specialty
- Active Medicare physicians in-force on 9/91 are shown distributed by both their original 1991 and their new adjusted classifications of specialty. The methodology includes tracking the original and new specialty classification for each physician practice setting.
  - Multiple specialties for a physician are weighted by one divided by the number of specialties. However, if for a particular specialty no record exists (active or inactive) on the 1/93 UPIN file, it is not weighted (included) in the 9/91 distribution of physicians in-force.
- c. Redistributions of Part B allowed charges and services

1991 Part B allowed charges and services by specialty are redistributed according to the new physician specialty classifications. The 1991 distributions by specialty were derived from the BESS reports dated 6/21/93. Estimates of redistributions into the new adjusted classifications are based on the following methods and assumptions:

- Allowed charge and service adjustments were made only for legitimate classifications of physician specialty, i.e., allowed charges and services were not changed for the non-physician specialties. If a UPIN changed from a physician to a non-physician specialty, allowed charges and services were not redistributed.
- The unknown physician specialty coded 99 was treated as a non-physician specialty (no change in charges and services) since it also includes data for 1) unspecified specialties on the BESS report and 2) some non-physicians
- For each specific classification of physician specialty, average allowed charges and services were computed for each physician. BESS report utilization data for 1991 were divided by the number of active physicians derived from the 9/91 UPIN file. Thus, each physician within a specific specialty was assumed to have the same amount of allowed charges and number of services. If a physician changed specialty, these averages for the physician were then transferred to the new designated classification.

## Specialty classification notes

Code	Specialty	Notes	Code	Specialty	Notes
01	Gen. Practice		50	Nurse Practitioner	
02	Gen. Surgery		51	Med. Sup./CO	
03	Allergy/Immun.		52	Med. Sup./CP	
04	Otolaryngology		53	Med. Sup./CPO	
05	Anesthesiology		54	Med. Sup./Other	
06	Cardiology		55	Indiv. Ortho. (CO)	
07	Dermatology		56	Indiv. Prosth. (CP)	
08	Family Practice		57	Indiv. Orth/Proth. (CPO)	
09	Gynecology (Ost)		58	Indiv./Other	
10	Gastroenterology		59	Ambulance	
11	Internal Med.		60	Public Hlth.	
12	Ost. Manip. Ther.		61	Voluntary Hlth.	
13	Neurology		62	Psychologist/Ind.	
14	Neurosurgery		63	Portable X-ray	
15	Obstetrics (Ost)		64	Audiologist/Indep.	
16	Ob-Gynecology		65	Physical Therapist	
17	EENT Osteopath	1	66	Rheumatology	5
18	Ophthalmology		67	Occup. Therapist	
19	Oral Surgery (Dent)		68	Clin. Psychologist	
20	Orthopedic Surg.		69	Indep. Clin. Lab.	
21	Path. Anat. (Ost)		70	Clinic or Group	
22	Pathology		71	GPPP/Diag. X-ray	
23	Periph. Vascular (Ost)		72	GPPP/Diag. Lab.	
24	Plastic Surgery		73	GPPP/Physiother.	
25	Phys. Med. & Rehab.		74	GPPP/Occup. Ther.	
26	Psychiatry		75	GPPP/Other Medical	
27	Psychiatry/Neur. (Ost)		76	Periph. Vasc. Dis.	5
28	Colorectal Surg.		77	Vascular Surgery	5
29	Pulmonary Dis.		78	Cardiac Surgery	5
30	Diag. Radiology		79	Addiction Med.	5
31	Roentgen/Rad. (Ost)		80	Clin. Social Work.	
32	Radiation Ther. (Ost)		81	Crit. Care-Intens.	5
33	Thoracic Surg.		82	Ophthal.-Cat./Hemat.	6
34	Urology		83	Hemat./Oncology	5
35	Chiropractic	2	84	Prevent. Med.	5
36	Nuclear Medicine		85	Maxillofacial Surg.	5
37	Pediatric Med.		86	Neuropsychiatry	5
38	Geriatric Med.		87	All Other Suppliers	
39	Nephrology		88	Unknown supplier	
40	Hand Surgery		89	Cert. Clin. Nurse Spec.	
41	Optometrist	3	90	Medical Oncology	5
42	CN Midwife		91	Surgical Oncology	5
43	CRNA, Anest.Asst.		92	Radiation Oncol.	5
44	Infectious Dis.	4	93	Emergency Med.	5
45	Mammography		94	Intervention Rad.	5
46	Endocrinology	5	95	Ind. Physiol. Lab.	
48	Podiatry		97	Physician Asst.	
49	Amb. Surg. Center		99	Unk. Phys. Spec.	

## Note

- 1 EENT is ophthalmology, otology, laryngology, and rhinology
- 2 Chiropractor effective 7/73.
- 3 Optometrist effective 7/1/81.
- 4 Infectious disease effective 6/90.
- 5 Effective 1/92. Reserved codes are 47, 96, and 98
- 6 From January - May 1992 was ophthalmology, cataract specialist; starting in June 1992 became hematology.

**Table 1. Distributions of Medicare physicians in-force in 1991  
by specialty classifications**

**All carriers**

<b>Specialty classification</b>	<b>Number of UPIN's in-force in 1991 [1]</b>		<b>Change from 1991</b>	
	<b>1991 specialty classification</b>	<b>New specialty classification [2]</b>	<b>Number</b>	<b>Percent</b>
01 Gen. Practice	52,308.9	47,791.8	-4,517.1	-8.6
02 Gen. Surgery	27,940.6	27,114.8	-825.9	-3.0
03 Allergy/Immun.	2,515.1	2,674.8	159.7	6.3
04 Otolaryngology	7,270.3	7,378.5	108.2	1.5
05 Anesthesiology	24,722.1	24,697.1	-25.0	-0.1
06 Cardiology	14,084.4	14,547.3	462.9	3.3
07 Dermatology	6,823.4	6,878.4	55.0	0.8
08 Family Practice	47,938.2	49,229.3	1,291.2	2.7
09 Gynecology (Ost)	377.2	211.9	-165.4	-43.8
10 Gastroenterology	5,173.8	5,642.8	469.0	9.1
11 Internal Med.	79,010.8	72,324.4	-6,686.4	-8.5
12 Ost. Manip. Ther.	1,191.6	1,172.2	-19.4	-1.6
13 Neurology	7,796.6	7,888.4	91.9	1.2
14 Neurosurgery	3,527.2	3,558.1	31.0	0.9
15 Obstetrics (Ost)	101.0	41.0	-59.9	-59.4
16 Ob-Gynecology	29,058.8	29,324.8	265.9	0.9
17 Ophth-etc (Ost)	345.4	165.9	-179.5	-52.0
18 Ophthalmology	15,198.1	15,259.4	61.4	0.4
19 Oral Surgery (Dent)	34,437.6	35,267.8	830.2	2.4
20 Orthopedic Surg.	17,156.9	17,170.3	13.4	0.1
21 Path. Anat. (Ost)	104.3	43.4	-61.0	-58.4
22 Pathology	10,601.8	10,652.8	51.0	0.5
23 Periph. Vascular (Ost)	304.7	118.1	-186.6	-61.2
24 Plastic Surgery	4,068.8	4,110.5	41.7	1.0
25 Phys. Med. & Rehab.	3,442.0	3,487.8	45.8	1.3
26 Psychiatry	31,252.7	31,412.7	159.9	0.5
27 Psychiatry/Neur. (Ost)	283.6	73.0	-210.6	-74.3
28 Colorectal Surg.	613.0	681.2	68.2	11.1
29 Pulmonary Dis.	4,166.9	4,579.0	412.1	9.9
30 Diag. Radiology	23,755.4	23,333.6	-421.8	-1.8
31 Roentgen./Rad. (Ost)	275.9	103.2	-172.7	-62.6
32 Radiation Ther. (Ost)	173.6	114.5	-59.0	-34.0
33 Thoracic Surg.	3,771.1	3,348.7	-422.4	-11.2
34 Urology	8,499.9	8,529.0	29.1	0.3
35 Chiropractic	41,694.7	41,680.9	-13.8	0.0
36 Nuclear Medicine	633.5	695.8	62.3	9.8
37 Pediatric Med.	22,899.6	23,000.0	100.5	0.4
38 Geriatric Med.	308.8	544.1	235.3	76.2
39 Nephrology	2,456.2	2,757.2	301.0	12.3

[1] Includes 1) valid, active UPIN's on 9/91 UPIN file and 2) additional UPIN's included on 1992 Carrier Specialty Change Reports. Multiple specialties for a physician are weighted by one divided by the number of specialties.

[2] Reflects redesignated physician specialty classifications for changes made in 1992.

**Table 1. Distributions of Medicare physicians in-force in 1991  
by specialty classifications**

**Carrier 99999: All carriers**

<i>Specialty classification</i>	<i>Number of UPIN's in-force in 1991 [1]</i>		<i>Change from 1991</i>	
	<i>1991 specialty classification</i>	<i>New specialty classification [2]</i>	<i>Number</i>	<i>Percent</i>
40 Hand Surgery	248.5	349.4	100.9	40.6
41 Optometrist	23,681.5	23,711.9	30.4	0.1
42 CN Midwife	0.0	0.5	0.5	NA
44 Infectious Dis.	657.5	1,192.5	535.0	81.4
46 Endocrinology	176.3	1,125.5	949.2	538.3
48 Podiatry	14,721.9	14,724.9	3.1	0.0
49 ASC Physicians	2,720.0	847.1	-1,872.8	-68.9
54 Med. Sup./Other	0.0	1.5	1.5	NA
58 Indiv./Other	1.5	0.0	-1.5	-100.0
59 Ambulance	1.3	0.0	-1.3	-100.0
60 Public Hlth.	0.0	4.0	4.0	NA
62 Psychologist/Ind.	0.0	0.6	0.6	NA
63 Portable X-ray	1.0	0.0	-1.0	-100.0
66 Rheumatology	171.7	1,174.1	1,002.4	583.8
68 Clin. Psychologist	0.2	0.0	-0.2	-100.0
69 Indep. Clin. Lab.	1.8	1.3	-0.6	-31.7
70 Clinic or Group	15,958.6	14,442.7	-1,515.9	-9.5
72 GPPP/Diag. Lab.	0.0	0.3	0.3	NA
76 Periph. Vasc. Dis.	59.0	199.6	140.6	238.5
77 Vascular Surgery	92.1	530.7	438.7	476.5
78 Cardiac Surgery	85.7	495.9	410.2	478.7
79 Addiction Med.	16.5	87.0	70.5	426.5
81 Crit. Care-Intens.	59.1	321.1	262.0	443.2
82 Ophthal.-Cat./Hemat. [3]	43.6	214.8	171.2	392.6
83 Hemat./Oncology	336.8	1,867.0	1,530.2	454.4
84 Prevent. Med.	22.8	109.6	86.8	380.5
85 Maxillofacial Surg.	56.3	605.6	549.3	975.4
86 Neuropsychiatry	22.7	150.7	128.0	564.5
87 All Other Suppliers	0.5	0.7	0.2	34.0
88 Unknown supplier	1.2	0.5	-0.7	-57.3
90 Medical Oncology	95.5	565.2	469.8	492.1
91 Surgical Oncology	25.2	154.6	129.5	514.8
92 Radiation Oncol.	216.4	845.3	629.0	290.7
93 Emergency Med.	2,244.3	6,379.6	4,135.3	184.3
94 Intervention Rad.	34.8	133.7	98.9	284.5
97 Physician Asst.	0.0	0.4	0.4	NA
99 Unk. Phys. Spec.	73.5	269.1	195.7	266.4
<b>All specialties</b>	<b>598,111.6</b>	<b>598,111.6</b>	<b>0.0</b>	<b>0.0</b>

[1] Includes 1) valid, active UPIN's on 9/91 UPIN file and 2) additional UPIN's included on 1992 Carrier Specialty Change Reports. Multiple specialties for a physician are weighted by one divided by the number of specialties.

[2] Reflects redesignated physician specialty classifications for changes made in 1992.

NOTE: specialty codes 47 and 98 are currently unused.

**Table 1A. Distributions of Medicare physicians in-force in 1991  
by specialty classifications (physician specialties only)\*  
Carrier 99999: All carriers**

Specialty classification	Number of UPIN's in-force in 1991 [1]		Change from 1991	
	1991 specialty classification	New specialty classification [2]	Number	Percent
01 Gen. Practice	52,305.9	47,788.8	-4,517.1	-8.6%
02 Gen. Surgery	27,939.6	27,112.8	-826.9	-3.0
03 Allergy/Immun.	2,515.1	2,674.8	159.7	6.3
04 Otolaryngology	7,269.3	7,377.5	108.2	1.5
05 Anesthesiology	24,717.1	24,692.1	-25.0	-0.1
06 Cardiology	14,083.4	14,546.1	462.7	3.3
07 Dermatology	6,823.4	6,878.4	55.0	0.8
08 Family Practice	47,925.2	49,215.0	1,289.8	2.7
09 Gynecology (Ost)	377.2	211.9	-165.4	-43.8
10 Gastroenterology	5,172.8	5,641.8	469.0	9.1
11 Internal Med.	78,999.6	72,310.1	-6,689.5	-8.5
12 Ost. Manip. Ther.	1,190.6	1,171.2	-19.4	-1.6
13 Neurology	7,795.6	7,887.4	91.9	1.2
14 Neurosurgery	3,527.1	3,558.1	31.1	0.9
15 Obstetrics (Ost)	101.0	41.0	-59.9	-59.4
16 Ob-Gynecology	29,054.1	29,321.8	267.7	0.9
17 Ophth-etc (Ost)	345.4	165.9	-179.5	-52.0
18 Ophthalmology	15,197.1	15,258.4	61.4	0.4
19 Oral Surgery (Dent)	34,430.6	35,264.8	834.2	2.4
20 Orthopedic Surg.	17,156.9	17,170.3	13.4	0.1
21 Path. Anat. (Ost)	104.3	43.4	-61.0	-58.4
22 Pathology	10,600.6	10,650.9	50.4	0.5
23 Periph. Vascular (Ost)	304.7	118.1	-186.6	-61.2
24 Plastic Surgery	4,068.8	4,110.5	41.7	1.0
25 Phys. Med. & Rehab.	3,442.0	3,487.8	45.8	1.3
26 Psychiatry	31,251.7	31,411.5	159.8	0.5
27 Psychiatry/Neur. (Ost)	283.6	73.0	-210.6	-74.3
28 Colorectal Surg.	612.0	681.2	69.2	11.3
29 Pulmonary Dis.	4,166.9	4,579.0	412.1	9.9
30 Diag. Radiology	23,754.4	23,330.9	-423.5	-1.8
31 Roentgen./Rad. (Ost)	273.9	101.2	-172.7	-63.0
32 Radiation Ther. (Ost)	173.6	114.5	-59.0	-34.0
33 Thoracic Surg.	3,769.8	3,347.7	-422.0	-11.2
34 Urology	8,499.9	8,528.8	28.8	0.3
35 Chiropractic	41,693.7	41,679.9	-13.8	0.0
36 Nuclear Medicine	633.5	695.8	62.3	9.8
37 Pediatric Med.	22,897.6	22,997.5	100.0	0.4
38 Geriatric Med.	308.8	544.1	235.3	76.2
39 Nephrology	2,456.2	2,756.9	300.7	12.2

\* NOTE: comparable to Table 1 except that only the physician specialties used in redistributing allowed charges and services are included.

[1] Includes 1) valid, active UPIN's on 9/91 UPIN file and 2) additional UPIN's included on 1992 Carrier Specialty Change Reports. Multiple specialties for a physician are weighted by one divided by the number of specialties.

[2] Reflects redesignated physician specialty classifications for changes made in 1992.



**Table 1A. Distributions of Medicare physicians in-force in 1991  
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Specialty classification	Number of UPIN's in-force in 1991 [1]		Change from 1991	
	1991 specialty classification	New specialty classification [2]	Number	Percent
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41 Optometrist	23,678.5	23,708.9	30.4	0.1
42 CN Midwife	0.0	0.0	0.0	NA
44 Infectious Dis.	657.5	1,192.5	535.0	81.4
46 Endocrinology	176.3	1,125.5	949.2	538.3
48 Podiatry	14,720.9	14,723.9	3.1	0.0
49 ASC Physicians	2,514.3	845.6	-1,668.7	-66.4
54 Med. Sup./Other	0.0	0.0	0.0	NA
58 Indiv./Other	0.0	0.0	0.0	NA
59 Ambulance	0.0	0.0	0.0	NA
60 Public Hlth.	0.0	0.0	0.0	NA
62 Psychologist/Ind.	0.0	0.0	0.0	NA
63 Portable X-ray	0.0	0.0	0.0	NA
66 Rheumatology	171.7	1,174.1	1,002.4	583.8
68 Clin. Psychologist	0.0	0.0	0.0	NA
69 Indep. Clin. Lab.	0.0	0.0	0.0	NA
70 Clinic or Group	15,954.6	14,438.7	-1,515.9	-9.5
72 GPPP/Diag. Lab.	0.0	0.0	0.0	NA
76 Periph. Vasc. Dis.	59.0	199.6	140.6	238.5
77 Vascular Surgery	92.1	530.7	438.7	476.5
78 Cardiac Surgery	85.7	495.9	410.2	478.7
79 Addiction Med.	16.5	87.0	70.5	426.5
81 Crit. Care-Intens.	59.1	321.1	262.0	443.2
82 Ophthal.-Cat./Hemat.	43.6	214.8	171.2	392.6
83 Hemat./Oncology	336.8	1,866.2	1,529.4	454.1
84 Prevent. Med.	22.6	108.6	85.9	379.7
85 Maxillofacial Surg.	56.3	605.6	549.3	975.4
86 Neuropsychiatry	22.7	150.7	128.0	564.5
87 All Other Suppliers	0.0	0.0	0.0	NA
88 Unknown supplier	0.0	0.0	0.0	NA
90 Medical Oncology	95.5	564.0	468.5	490.8
91 Surgical Oncology	25.2	154.6	129.5	514.8
92 Radiation Oncol.	216.4	845.3	629.0	290.7
93 Emergency Med.	2,244.3	6,378.1	4,133.8	184.2
94 Intervention Rad.	34.8	133.7	98.9	284.5
97 Physician Asst.	0.0	0.0	0.0	NA
99 Unk. Phys. Spec. [3]	0.0	0.0	0.0	NA
<b>All specialties</b>	<b>597,755.2</b>	<b>597,755.2</b>	<b>0.0</b>	<b>0.0</b>

\* NOTE: comparable to Table 1 except that only the physician specialties used in redistributing allowed charges and services are included.

[1] Includes 1) valid, active UPIN's on 9/91 UPIN file and 2) additional UPIN's included on 1992 Carrier Specialty Change Reports. Multiple specialties for a physician are weighted by one divided by the number of specialties.

[2] Reflects redesignated physician specialty classifications for changes made in 1992.

[3] The unknown physician specialty (99) was not redistributed.

NOTE: specialty codes 47 and 98 are currently unused.

Table 2. Distributions of Medicare allowed charges in 1991 [1]  
for physicians in-force [2] in 1991, by specialty classifications  
Carrier 99999: All carriers

Specialty classification	Allowed charges in 1991				
	1991 specialty classification	Percent of total	New specialty classification [3]	Percent of total	% change ((3) - (1))/(1)
	(1)	(2)	(3)	(4)	(5)
<b>Physician specialties</b>					
01 Gen. Practice	\$1,203,234,326	2.8038%	\$1,145,774,700	2.6699%	-4.8%
02 Gen. Surgery	2,130,562,042	4.9647	2,077,279,485	4.8405	-2.5
03 Allergy/Immun.	61,335,672	0.1429	71,750,322	0.1672	17.0
04 Otolaryngology	394,035,389	0.9182	407,129,003	0.9487	3.3
05 Anesthesiology	1,285,110,663	2.9946	1,285,080,883	2.9945	0.0
06 Cardiology	2,881,731,965	6.7150	2,848,233,119	6.6370	-1.2
07 Dermatology	671,043,501	1.5637	673,258,364	1.5688	0.3
08 Family Practice	1,769,738,000	4.1239	1,821,785,506	4.2451	2.9
09 Gynecology (Ost)	6,551,259	0.0153	3,432,019	0.0080	-47.6
10 Gastroenterology	912,394,947	2.1261	928,108,622	2.1627	1.7
11 Internal Med.	5,820,579,394	13.5632	5,375,225,595	12.5254	-7.7
12 Ost. Manip. Ther.	20,490,226	0.0477	21,772,524	0.0507	6.3
13 Neurology	479,605,276	1.1176	486,360,074	1.1333	1.4
14 Neurosurgery	300,514,278	0.7003	301,646,950	0.7029	0.4
15 Obstetrics (Ost)	919,821	0.0021	373,777	0.0009	-59.4
16 Ob-Gynecology	257,306,527	0.5996	274,515,362	0.6397	6.7
17 Ophth-etc (Ost)	36,089,568	0.0841	17,431,531	0.0406	-51.7
18 Ophthalmology	3,897,209,739	9.0813	3,873,986,295	9.0272	-0.6
19 Oral Surgery (Dent)	17,616,858	0.0411	199,930,102	0.4659	1034.9
20 Orthopedic Surg.	1,696,355,256	3.9529	1,693,041,592	3.9451	-0.2
21 Path. Anat. (Ost)	3,564,151	0.0083	1,484,921	0.0035	-58.3
22 Pathology	470,141,513	1.0955	474,511,697	1.1057	0.9
23 Periph. Vascular (Ost)	17,521,013	0.0408	7,383,944	0.0172	-57.9
24 Plastic Surgery	178,693,891	0.4164	183,178,295	0.4268	2.5
25 Phys. Med. & Rehab.	181,372,255	0.4226	183,117,884	0.4267	1.0
26 Psychiatry	640,680,217	1.4929	654,714,923	1.5256	2.2
27 Psychiatry/Neur. (Ost)	9,020,944	0.0210	2,343,712	0.0055	-74.0
28 Colorectal Surg.	64,932,543	0.1513	69,375,055	0.1617	6.8
29 Pulmonary Dis.	583,199,560	1.3590	601,764,887	1.4022	3.2
30 Diag. Radiology	3,061,082,888	7.1330	2,988,821,623	6.9646	-2.4
31 Roentgen./Rad. (Ost)	19,893,821	0.0464	7,553,256	0.0176	-62.0
32 Radiation Ther. (Ost)	50,195,143	0.1170	28,667,987	0.0668	-42.9
33 Thoracic Surg.	978,442,621	2.2800	846,476,134	1.9725	-13.5

[1] Allowed charges in 1991 derived from Part B Extract Summary System report dated 6/21/93.

[2] Active physicians on 9/91 UPIN file.

[3] Represents 1991 allowed charges which were adjusted to reflect the reclassifications of specialties made in 1992 for physicians who were active in 9/91. The methodology assumes that each of the active physicians on the 9/91 UPIN file within a particular physician specialty had the same amount of allowed charges. The allowed charge adjustments were made only for legitimate classifications of physician specialty, i.e. allowed charges were not changed for the non-physician specialties. Also, the unknown physician specialty (99) was not redistributed.

**Table 2. Distributions of Medicare allowed charges in 1991 [1]  
for physicians in-force [2] in 1991, by specialty classifications  
Carrier 99999: All carriers**

<i>Allowed charges in 1991</i>					
<i>Specialty classification</i>	<i>1991 specialty classification</i>	<i>Percent of total</i>	<i>New specialty classification [3]</i>	<i>Percent of total</i>	<i>% change ((3) - (1))/(1)</i>
	<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>
34 Urology	\$1,318,070,729	3.0714%	\$1,315,957,128	3.0665%	-0.2%
35 Chiropractic	189,703,114	0.4420	190,359,502	0.4436	0.3
36 Nuclear Medicine	49,677,027	0.1158	57,352,746	0.1336	15.5
37 Pediatric Med.	27,101,676	0.0632	81,561,626	0.1901	200.9
38 Geriatric Med.	20,614,505	0.0480	35,019,287	0.0816	69.9
39 Nephrology	462,970,461	1.0788	473,217,645	1.1027	2.2
40 Hand Surgery	11,811,316	0.0275	21,177,343	0.0493	79.3
41 Optometrist	212,794,300	0.4959	218,439,500	0.5090	2.7
44 Infectious Dis.	93,541,594	0.2180	126,919,396	0.2957	35.7
46 Endocrinology	1,012,664	0.0024	68,870,772	0.1605	6700.9
48 Podiatry	720,414,194	1.6787	721,152,528	1.6804	0.1
49 ASC Physicians	333,955,770	0.7782	111,533,563	0.2599	-66.6
66 Rheumatology	737,236	0.0017	73,101,197	0.1703	9815.6
70 Clinic or Group	1,574,772,180	3.6895	1,415,900,393	3.2993	-10.1
76 Periph. Vasc. Dis.	241,539	0.0006	10,816,692	0.0252	4378.2
77 Vascular Surgery	1,765,146	0.0041	61,307,113	0.1429	3373.2
78 Cardiac Surgery	1,324,488	0.0031	93,422,151	0.2177	6953.5
79 Addiction Med.	35,148	0.0001	6,788,285	0.0158	19213.4
81 Crit. Care-Intens.	507,854	0.0012	19,636,767	0.0458	3766.6
82 Ophthal.-Cat./Hemat.	343,321	0.0008	27,348,180	0.0637	7865.8
83 Hemat./Oncology	5,538,590	0.0129	116,761,570	0.2721	2008.1
84 Prevent. Med.	55,758	0.0001	4,455,904	0.0104	7891.5
85 Maxillofacial Surg.	71,153	0.0002	2,990,615	0.0070	4103.1
86 Neuropsychiatry	134,733	0.0003	3,941,693	0.0092	2825.6
90 Medical Oncology	816,309	0.0019	35,149,806	0.0819	4205.9
91 Surgical Oncology	119,988	0.0003	8,854,285	0.0206	7279.3
92 Radiation Oncol.	2,143,491	0.0050	93,321,026	0.2175	4253.7
93 Emergency Med.	3,040,039	0.0071	169,649,605	0.3953	5480.5
94 Intervention Rad.	155,836	0.0004	14,118,966	0.0329	8960.1
99 Unk. Phys. Spec.	105,601,806	0.2461	105,601,806	0.2461	0.0
<b>All physician specialties</b>	<b>35,240,237,232</b>	<b>82.1171</b>	<b>35,240,237,232</b>	<b>82.1171</b>	<b>0.0</b>

[1] Allowed charges in 1991 derived from Part B Extract Summary System report dated 6/21/93.

[2] Active physicians on 9/91 UPIN file.

[3] Represents 1991 allowed charges which were adjusted to reflect the reclassifications of specialties made in 1992 for physicians who were active in 9/91. The methodology assumes that each of the active physicians on the 9/91 UPIN file within a particular physician specialty had the same amount of allowed charges. The allowed charge adjustments were made only for legitimate classifications of physician specialty, i.e. allowed charges were not changed for the non-physician specialties. Also, the unknown physician specialty (99) was not redistributed.

Table 2. Distributions of Medicare allowed charges in 1991 [1]  
for physicians in-force [2] in 1991, by specialty classifications  
Carrier 99999: All carriers

Specialty classification	Allowed charges in 1991				
	1991 specialty classification (1)	Percent of total (2)	New specialty classification [3] (3)	Percent of total (4)	% change ((3) - (1))/(1) (5)
<b>Non-physician specialties</b>					
42 CN Midwife	\$27,546	0.0001%	\$27,546	0.0001%	0.0%
43 CRNA, Anest.Asst.	245,818,334	0.5728	245,818,334	0.5728	0.0
45 Mammography	1,017,946	0.0024	1,017,946	0.0024	0.0
49 ASC Facility	391,349,277	0.9119	391,349,277	0.9119	0.0
50 Nurse Practitioner	212,121	0.0005	212,121	0.0005	0.0
51 Med. Sup./CO	73,085,767	0.1703	73,085,767	0.1703	0.0
52 Med. Sup./CP	29,876,646	0.0696	29,876,646	0.0696	0.0
53 Med. Sup./CPO	96,359,678	0.2245	96,359,678	0.2245	0.0
54 Med. Sup./Other	2,087,446,377	4.8642	2,087,446,377	4.8642	0.0
55 Indiv. Ortho. (CO)	2,341,845	0.0055	2,341,845	0.0055	0.0
56 Indiv. Prosth. (CP)	1,532,844	0.0036	1,532,844	0.0036	0.0
57 Indiv. Orth/Proth. (CPO)	5,632,145	0.0131	5,632,145	0.0131	0.0
58 Indiv./Other	56,500,018	0.1317	56,500,018	0.1317	0.0
59 Ambulance	1,194,774,102	2.7841	1,194,774,102	2.7841	0.0
60 Public Hlth.	7,656,576	0.0178	7,656,576	0.0178	0.0
61 Voluntary Hlth.	6,888	0.0000	6,888	0.0000	0.0
62 Psychologist/Ind.	5,289,899	0.0123	5,289,899	0.0123	0.0
63 Portable X-ray	132,841,679	0.3095	132,841,679	0.3095	0.0
64 Audiologist/Indep.	12,164,000	0.0283	12,164,000	0.0283	0.0
65 Physical Therapist	99,737,647	0.2324	99,737,647	0.2324	0.0
67 Occup. Therapist	1,807,972	0.0042	1,807,972	0.0042	0.0
68 Clin. Psychologist	55,443,936	0.1292	55,443,936	0.1292	0.0
69 Indep. Clin. Lab.	1,829,301,951	4.2627	1,829,301,951	4.2627	0.0
71 GPPP/Diag. X-ray	44,128	0.0001	44,128	0.0001	0.0
72 GPPP/Diag. Lab.	119,264	0.0003	119,264	0.0003	0.0
73 GPPP/Physiother.	478	0.0000	478	0.0000	0.0
75 GPPP/Other Medical	22,207	0.0001	22,207	0.0001	0.0
80 Clin. Social Work.	10,149,935	0.0237	10,149,935	0.0237	0.0
87 All Other Suppliers	1,255,417,063	2.9254	1,255,417,063	2.9254	0.0
88 Unknown supplier	77,243,530	0.1800	77,243,530	0.1800	0.0
89 Cert. Clin. Nurse Spec.	10,447	0.0000	10,447	0.0000	0.0
95 Ind. Physiol. Lab.	1,128,988	0.0026	1,128,988	0.0026	0.0
97 Physician Asst.	3,745	0.0000	3,745	0.0000	0.0
<b>All non-physician specialties</b>	7,674,364,979	17.8829	7,674,364,979	17.8829	0.0
<b>All specialties</b>	42,914,602,211	100.0000	42,914,602,211	100.0000	0.0

[1] Allowed charges in 1991 derived from Part B Extract Summary System report dated 6/21/93.

[2] Active physicians on 9/91 UPIN file.

[3] Represents 1991 allowed charges which were adjusted to reflect the reclassifications of specialties made in 1992 for physicians who were active in 9/91. The methodology assumes that each of the active physicians on the 9/91 UPIN file within a particular physician specialty had the same amount of allowed charges. The allowed charge adjustments were made only for legitimate classifications of physician specialty, i.e. allowed charges were not changed for the non-physician specialties. Also, the unknown physician specialty (99) was not redistributed.

**Table 3. Average Medicare allowed charges  
per physician [1] in 1991, by specialty classifications  
Carrier 99999: All carriers**

<i>Average allowed charges per physician in 1991</i>				
<i>Physician specialty classification</i>	<i>1991 specialty classification</i>	<i>New specialty classification [2]</i>	<i>Difference: new less 1991 specialty</i>	<i>Percent change</i>
01 Gen. Practice	\$23,004	\$23,976	\$972	4.23%
02 Gen. Surgery	76,256	76,616	360	0.47
03 Allergy/Immun.	24,387	26,825	2,438	10.00
04 Otolaryngology	54,206	55,185	980	1.81
05 Anesthesiology	51,993	52,044	51	0.10
06 Cardiology	204,619	195,808	-8,811	-4.31
07 Dermatology	98,344	97,880	-465	-0.47
08 Family Practice	36,927	37,017	90	0.24
09 Gynecology (Ost)	17,366	16,200	-1,166	-6.71
10 Gastroenterology	176,383	164,506	-11,877	-6.73
11 Internal Med.	73,679	74,336	657	0.89
12 Ost. Manip. Ther.	17,210	18,590	1,380	8.02
13 Neurology	61,523	61,663	140	0.23
14 Neurosurgery	85,202	84,777	-425	-0.50
15 Obstetrics (Ost)	9,110	9,110	0	0.00
16 Ob-Gynecology	8,856	9,362	506	5.71
17 Opth-etc (Ost)	104,495	105,104	609	0.58
18 Ophthalmology	256,445	253,892	-2,553	-1.00
19 Oral Surgery (Dent)	512	5,669	5,158	1008.03
20 Orthopedic Surg.	98,873	98,603	-270	-0.27
21 Path. Anat. (Ost)	34,169	34,246	77	0.23
22 Pathology	44,351	44,551	201	0.45
23 Periph. Vascular (Ost)	57,503	62,502	4,999	8.69
24 Plastic Surgery	43,918	44,563	645	1.47
25 Phys. Med. & Rehab.	52,694	52,503	-192	-0.36
26 Psychiatry	20,501	20,843	343	1.67
27 Psychiatry/Neur. (Ost)	31,804	32,092	288	0.91
28 Colorectal Surg.	106,099	101,842	-4,257	-4.01
29 Pulmonary Dis.	139,961	131,418	-8,543	-6.10
30 Diag. Radiology	128,864	128,106	-758	-0.59
31 Roentgen./Rad. (Ost)	72,632	74,615	1,983	2.73
32 Radiation Ther. (Ost)	289,176	250,288	-38,888	-13.45
33 Thoracic Surg.	259,550	252,850	-6,700	-2.58

[1] Allowed charges in 1991 derived from Part B Extract Summary System report dated 6/21/93 were averaged for active physicians included in the 9/91 UPIN file.

[2] Represents 1991 allowed charges which were adjusted to reflect the reclassifications of specialties made in 1992 for physicians who were active in 9/91. The methodology assumes that each of the active physicians on the 9/91 UPIN file within a particular physician specialty had the same amount of allowed charges.

**Table 3. Average Medicare allowed charges  
per physician [1] in 1991, by specialty classifications  
Carrier 99999: All carriers**

<i>Average allowed charges per physician in 1991</i>				
<i>Specialty classification</i>	<i>1991 specialty classification</i>	<i>New specialty classification [2]</i>	<i>Difference: new less 1991 specialty</i>	<i>Percent change</i>
34 Urology	\$155,069	\$154,296	-\$772	-0.50%
35 Chiropractic	4,550	4,567	17	0.38
36 Nuclear Medicine	78,419	82,429	4,010	5.11
37 Pediatric Med.	1,184	3,547	2,363	199.64
38 Geriatric Med.	66,757	64,361	-2,396	-3.59
39 Nephrology	188,491	171,650	-16,841	-8.93
40 Hand Surgery	47,538	60,611	13,072	27.50
41 Optometrist	8,987	9,213	227	2.52
44 Infectious Dis.	142,273	106,436	-35,837	-25.19
46 Endocrinology	5,743	61,191	55,448	965.48
48 Podiatry	48,938	48,978	40	0.08
49 ASC Physicians	132,824	131,897	-926	-0.70
66 Rheumatology	4,293	62,259	57,966	1350.09
70 Clinic or Group	98,703	98,063	-641	-0.65
76 Periph. Vasc. Dis.	4,097	54,200	50,103	1223.03
77 Vascular Surgery	19,176	115,519	96,343	502.42
78 Cardiac Surgery	15,455	188,385	172,930	1118.93
79 Addiction Med.	2,128	78,053	75,926	3568.60
81 Crit. Care-Intens.	8,582	61,162	52,571	611.88
82 Ophthal.-Cat./Hemat.	7,873	127,313	119,441	1517.18
83 Hemat./Oncology	16,446	62,568	46,122	280.44
84 Prevent. Med.	2,464	41,049	38,585	1566.03
85 Maxillofacial Surg.	1,263	4,938	3,675	290.85
86 Neuropsychiatry	5,943	26,165	20,221	340.24
90 Medical Oncology	8,551	62,327	53,775	628.86
91 Surgical Oncology	4,771	57,265	52,494	1100.30
92 Radiation Oncol.	9,908	110,396	100,488	1014.26
93 Emergency Med.	1,355	26,599	25,244	1863.62
94 Intervention Rad.	4,483	105,641	101,158	2256.38
99 Unk. Phys. Spec. [3]	NA	NA	NA	NA
<b>All physician specialties</b>	<b>58,778</b>	<b>58,778</b>	<b>0</b>	<b>0.00</b>

[1] Allowed charges in 1991 derived from Part B Extract Summary System report dated 6/21/93 were averaged for active physicians included in the 9/91 UPIN file.1

[2] Represents 1991 allowed charges which were adjusted to reflect the reclassifications of specialties made in 1992 for physicians who were active in 9/91. The methodology assumes that each of the active physicians on the 9/91 UPIN file within a particular physician specialty had the same amount of allowed charges.

[3] Since the unknown physician specialty (99) was not redistributed, the allowed charges for this specialty are not included in this table.

Table 4. Distributions of Medicare allowed services in 1991 [1]  
for physicians in-force [2] in 1991, by specialty classifications  
Carrier 99999: All carriers

Specialty classification	Allowed services in 1991				
	1991 specialty classification	Percent of total	New specialty classification [3]	Percent of total	% change ((3) - (1))/(1)
	(1)	(2)	(3)	(4)	(5)
<b>Physician specialties</b>					
01 Gen. Practice	63,063,056	4.4274%	58,193,618	4.0856%	-7.7%
02 Gen. Surgery	21,134,326	1.4838	20,844,758	1.4634	-1.4
03 Allergy/Immun.	5,810,579	0.4079	6,059,388	0.4254	4.3
04 Otolaryngology	8,536,793	0.5993	8,696,676	0.6106	1.9
05 Anesthesiology	8,702,813	0.6110	8,832,702	0.6201	1.5
06 Cardiology	49,314,887	3.4622	49,942,259	3.5063	1.3
07 Dermatology	18,799,446	1.3198	18,867,641	1.3246	0.4
08 Family Practice	88,119,902	6.1866	89,266,403	6.2671	1.3
09 Gynecology (Ost)	126,084	0.0089	66,794	0.0047	-47.0
10 Gastroenterology	9,780,458	0.6867	11,134,360	0.7817	13.8
11 Internal Med.	219,070,594	15.3801	199,781,802	14.0260	-8.8
12 Ost. Manip. Ther.	922,345	0.0648	966,409	0.0678	4.8
13 Neurology	9,135,376	0.6414	9,312,447	0.6538	1.9
14 Neurosurgery	1,530,170	0.1074	1,613,797	0.1133	5.5
15 Obstetrics (Ost)	26,694	0.0019	10,847	0.0008	-59.4
16 Ob-Gynecology	4,932,059	0.3463	5,418,031	0.3804	9.9
17 Ophth-etc (Ost)	367,050	0.0258	177,099	0.0124	-51.8
18 Ophthalmology	30,481,044	2.1400	30,451,949	2.1379	-0.1
19 Oral Surgery (Dent)	197,953	0.0139	3,909,877	0.2745	1,875.2
20 Orthopedic Surg.	16,777,149	1.1779	16,890,874	1.1858	0.7
21 Path. Anat. (Ost)	72,810	0.0051	30,391	0.0021	-58.3
22 Pathology	11,413,364	0.8013	11,514,216	0.8084	0.9
23 Periph. Vascular (Ost)	166,020	0.0117	66,290	0.0047	-60.1
24 Plastic Surgery	1,367,214	0.0960	1,449,571	0.1018	6.0
25 Phys. Med. & Rehab.	5,080,534	0.3567	5,134,315	0.3605	1.1
26 Psychiatry	13,827,661	0.9708	14,230,673	0.9991	2.9
27 Psychiatry/Neur. (Ost)	175,667	0.0123	45,419	0.0032	-74.1
28 Colorectal Surg.	663,966	0.0466	715,202	0.0502	7.7
29 Pulmonary Dis.	13,632,455	0.9571	14,583,335	1.0238	7.0
30 Diag. Radiology	72,554,341	5.0938	70,886,099	4.9767	-2.3
31 Roentgen./Rad. (Ost)	545,903	0.0383	205,548	0.0144	-62.3
32 Radiation Ther. (Ost)	528,898	0.0371	344,456	0.0242	-34.9
33 Thoracic Surg.	3,144,050	0.2207	2,907,751	0.2041	-7.5

[1] Allowed services in 1991 derived from Part B Extract Summary System report dated 6/21/93.

[2] Active physicians on 9/91 UPIN file.

[3] Represents 1991 allowed services which were adjusted to reflect the reclassifications of specialties made in 1992 for physicians who were active in 9/91. The methodology assumes that each of the active physicians on the 9/91 UPIN file within a particular physician specialty had the same number of allowed services. The allowed service adjustments were made only for legitimate classifications of physician specialty, i.e. allowed services were not changed for the non-physician specialties. Also, the unknown physician specialty (99) was not redistributed.

16

**Table 4. Distributions of Medicare allowed services in 1991 [1]  
for physicians in-force [2] in 1991, by specialty classifications  
Carrier 99999: All carriers**

Specialty classification	Allowed services in 1991				
	1991 specialty classification	Percent of total	New specialty classification [3]	Percent of total	% change ((3) - (1))/(1)
	(1)	(2)	(3)	(4)	(5)
34 Urology	21,729,840	1.5256%	21,738,475	1.5262%	0.0%
35 Chiropractic	11,489,176	0.8066	11,499,886	0.8074	0.1
36 Nuclear Medicine	630,625	0.0443	846,893	0.0595	34.3
37 Pediatric Med.	954,167	0.0670	2,277,485	0.1599	138.7
38 Geriatric Med.	738,500	0.0518	1,290,603	0.0906	74.8
39 Nephrology	12,719,991	0.8930	13,248,286	0.9301	4.2
40 Hand Surgery	162,400	0.0114	255,502	0.0179	57.3
41 Optometrist	6,530,401	0.4585	6,627,779	0.4653	1.5
44 Infectious Dis.	3,005,416	0.2110	4,285,971	0.3009	42.6
46 Endocrinology	29,202	0.0021	2,528,133	0.1775	8,557.4
48 Podiatry	22,988,521	1.6139	23,003,308	1.6150	0.1
49 ASC Physicians	6,795,664	0.4771	2,280,250	0.1601	-66.4
66 Rheumatology	108,034	0.0076	2,800,905	0.1966	2,492.6
70 Clinic or Group	39,428,336	2.7681	35,326,623	2.4802	-10.4
76 Periph. Vasc. Dis.	1,799	0.0001	134,440	0.0094	7,373.0
77 Vascular Surgery	7,954	0.0006	442,908	0.0311	5,468.4
78 Cardiac Surgery	2,066	0.0001	529,816	0.0372	25,544.5
79 Addiction Med.	868	0.0001	123,655	0.0087	14,146.0
81 Crit. Care-Intens.	8,755	0.0006	583,726	0.0410	6,567.3
82 Ophthal.-Cat./Hemat.	4,771	0.0003	446,841	0.0314	9,265.8
83 Hemat./Oncology	273,054	0.0192	4,347,581	0.3052	1,492.2
84 Prevent. Med.	1,135	0.0001	167,650	0.0118	14,671.0
85 Maxillofacial Surg.	501	0.0000	34,292	0.0024	6,744.6
86 Neuropsychiatry	2,910	0.0002	85,085	0.0060	2,823.9
90 Medical Oncology	101,357	0.0071	1,369,305	0.0961	1,251.0
91 Surgical Oncology	751	0.0001	126,107	0.0089	16,691.8
92 Radiation Oncol.	25,596	0.0018	1,901,025	0.1335	7,327.0
93 Emergency Med.	64,720	0.0045	6,685,468	0.4694	10,229.8
94 Intervention Rad.	1,649	0.0001	270,822	0.0190	16,323.4
99 Unk. Phys. Spec.	11,130,157	0.7814	11,130,157	0.7814	0.0
<b>All physician specialties</b>	<b>818,939,977</b>	<b>57.4948</b>	<b>818,939,977</b>	<b>57.4948</b>	<b>0.0</b>

[1] Allowed services in 1991 derived from Part B Extract Summary System report dated 6/21/93.

[2] Active physicians on 9/91 UPIN file.

[3] Represents 1991 allowed services which were adjusted to reflect the reclassifications of specialties made in 1992 for physicians who were active in 9/91. The methodology assumes that each of the active physicians on the 9/91 UPIN file within a particular physician specialty had the same number of allowed services. The allowed service adjustments were made only for legitimate classifications of physician specialty, i.e. allowed services were not changed for the non-physician specialties. Also, the unknown physician specialty (99) was not redistributed.



17

**Table 4. Distributions of Medicare allowed services in 1991 [1]  
for physicians in-force [2] in 1991, by specialty classifications  
Carrier 99999: All carriers**

<i>Allowed services in 1991</i>					
<i>Specialty classification</i>	<i>1991 specialty classification</i>	<i>Percent of total</i>	<i>New specialty classification [3]</i>	<i>Percent of total</i>	<i>% change ((3) - (1))/(1)</i>
	<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>
<b>Non-physician specialties</b>					
42 CN Midwife	902	0.0001%	902	0.0001%	0.0%
43 CRNA, Anest.Asst.	2,103,367	0.1477	2,103,367	0.1477	0.0
45 Mammography	20,497	0.0014	20,497	0.0014	0.0
49 ASC Facility	672,921	0.0472	672,921	0.0472	0.0
50 Nurse Practitioner	12,378	0.0009	12,378	0.0009	0.0
51 Med. Sup./CO	2,563,059	0.1799	2,563,059	0.1799	0.0
52 Med. Sup./CP	413,942	0.0291	413,942	0.0291	0.0
53 Med. Sup./CPO	2,628,936	0.1846	2,628,936	0.1846	0.0
54 Med. Sup./Other	211,646,112	14.8589	211,646,112	14.8589	0.0
55 Indiv. Ortho. (CO)	110,006	0.0077	110,006	0.0077	0.0
56 Indiv. Prosth. (CP)	7,036	0.0005	7,036	0.0005	0.0
57 Indiv. Orth/Proth. (CPO)	27,231	0.0019	27,231	0.0019	0.0
58 Indiv./Other	1,476,611	0.1037	1,476,611	0.1037	0.0
59 Ambulance	16,341,228	1.1473	16,341,228	1.1473	0.0
60 Public Hlth.	269,143	0.0189	269,143	0.0189	0.0
61 Voluntary Hlth.	166	0.0000	166	0.0000	0.0
62 Psychologist/Ind.	80,461	0.0056	80,461	0.0056	0.0
63 Portable X-ray	2,941,008	0.2065	2,941,008	0.2065	0.0
64 Audiologist/Indep.	397,945	0.0279	397,945	0.0279	0.0
65 Physical Therapist	5,513,697	0.3871	5,513,697	0.3871	0.0
67 Occup. Therapist	93,022	0.0065	93,022	0.0065	0.0
68 Clin. Psychologist	930,808	0.0653	930,808	0.0653	0.0
69 Indep. Clin. Lab.	162,793,597	11.4291	162,793,597	11.4291	0.0
71 GPPP/Diag. X-ray	2,033	0.0001	2,033	0.0001	0.0
72 GPPP/Diag. Lab.	3,059	0.0002	3,059	0.0002	0.0
73 GPPP/Physiother.	19	0.0000	19	0.0000	0.0
75 GPPP/Other Medical	534	0.0000	534	0.0000	0.0
80 Clin. Social Work.	249,741	0.0175	249,741	0.0175	0.0
87 All Other Suppliers	193,164,752	13.5614	193,164,752	13.5614	0.0
88 Unknown supplier	953,644	0.0670	953,644	0.0670	0.0
89 Cert. Clin. Nurse Spec.	210	0.0000	210	0.0000	0.0
95 Ind. Physiol. Lab.	14,493	0.0010	14,493	0.0010	0.0
97 Physician Asst.	69	0.0000	69	0.0000	0.0
<b>All non-physician specialties</b>					
	605,432,627	42.5052	605,432,627	42.5052	0.0
<b>All specialties</b>	<b>1,424,372,604</b>	<b>100.0000</b>	<b>1,424,372,604</b>	<b>100.0000</b>	<b>0.0</b>

[1] Allowed services in 1991 derived from Part B Extract Summary System report dated 6/21/93.

[2] Active physicians on 9/91 UPIN file.

[3] Represents 1991 allowed services which were adjusted to reflect the reclassifications of specialties made in 1992 for physicians who were active in 9/91. The methodology assumes that each of the active physicians on the 9/91 UPIN file within a particular physician specialty had the same number of allowed services. The allowed service adjustments were made only for legitimate classifications of physician specialty, i.e. allowed services were not changed for the non-physician specialties. Also, the unknown physician specialty (99) was not redistributed.

**Table 5. Comparison of percent changes resulting from  
redistributions of physician specialty classification**

**Carrier 99999: All carriers**

<i>Percent change; 1991 to new specialty</i>				
<i>Physician specialty classification</i>	<i>No. of physicians</i>	<i>Allowed charges</i>	<i>No. of services</i>	<i>Allowed charges per physician</i>
01 Gen. Practice	-8.6%	-4.8%	-7.7%	4.2%
02 Gen. Surgery	-3.0	-2.5	-1.4	0.5
03 Allergy/Immun.	6.3	17.0	4.3	10.0
04 Otolaryngology	1.5	3.3	1.9	1.8
05 Anesthesiology	-0.1	0.0	1.5	0.1
06 Cardiology	3.3	-1.2	1.3	-4.3
07 Dermatology	0.8	0.3	0.4	-0.5
08 Family Practice	2.7	2.9	1.3	0.2
09 Gynecology (Ost)	-43.8	-47.6	-47.0	-6.7
10 Gastroenterology	9.1	1.7	13.8	-6.7
11 Internal Med.	-8.5	-7.7	-8.8	0.9
12 Ost. Manip. Ther.	-1.6	6.3	4.8	8.0
13 Neurology	1.2	1.4	1.9	0.2
14 Neurosurgery	0.9	0.4	5.5	-0.5
15 Obstetrics (Ost)	-59.4	-59.4	-59.4	0.0
16 Ob-Gynecology	0.9	6.7	9.9	5.7
17 Ophth-etc (Ost)	-52.0	-51.7	-51.8	0.6
18 Ophthalmology	0.4	-0.6	-0.1	-1.0
19 Oral Surgery (Dent)	2.4	1,034.9	1,875.2	1,008.0
20 Orthopedic Surg.	0.1	-0.2	0.7	-0.3
21 Path. Anat. (Ost)	-58.4	-58.3	-58.3	0.2
22 Pathology	0.5	0.9	0.9	0.5
23 Periph. Vascular (Ost)	-61.2	-57.9	-60.1	8.7
24 Plastic Surgery	1.0	2.5	6.0	1.5
25 Phys. Med. & Rehab.	1.3	1.0	1.1	-0.4
26 Psychiatry	0.5	2.2	2.9	1.7
27 Psychiatry/Neur. (Ost)	-74.3	-74.0	-74.1	0.9
28 Colorectal Surg.	11.3	6.8	7.7	-4.0
29 Pulmonary Dis.	9.9	3.2	7.0	-6.1
30 Diag. Radiology	-1.8	-2.4	-2.3	-0.6
31 Roentgen./Rad. (Ost)	-63.0	-62.0	-62.3	2.7
32 Radiation Ther. (Ost)	-34.0	-42.9	-34.9	-13.4
33 Thoracic Surg.	-11.2	-13.5	-7.5	-2.6

NOTE: percents obtained from Tables 1A, 2, 3, and 4.

**Table 5. Comparison of percent changes resulting from  
redistributions of physician specialty classification**

**Carrier 99999: All carriers**

<i>Physician specialty classification</i>	<i>Percent change; 1991 to new specialty</i>			
	<i>No. of physicians</i>	<i>Allowed charges</i>	<i>No. of services</i>	<i>Allowed charges per physician</i>
34 Urology	0.3%	-0.2%	0.0%	-0.5%
35 Chiropractic	0.0	0.3	0.1	0.4
36 Nuclear Medicine	9.8	15.5	34.3	5.1
37 Pediatric Med.	0.4	200.9	138.7	199.6
38 Geriatric Med.	76.2	69.9	74.8	-3.6
39 Nephrology	12.2	2.2	4.2	-8.9
40 Hand Surgery	40.6	79.3	57.3	27.5
41 Optometrist	0.1	2.7	1.5	2.5
44 Infectious Dis.	81.4	35.7	42.6	-25.2
46 Endocrinology	538.3	6,700.9	8,557.4	965.5
48 Podiatry	0.0	0.1	0.1	0.1
49 ASC Physicians	-66.4	-66.6	-66.4	-0.7
66 Rheumatology	583.8	9,815.6	2,492.6	1,350.1
70 Clinic or Group	-9.5	-10.1	-10.4	-0.6
76 Periph. Vasc. Dis.	238.5	4,378.2	7,373.0	1,223.0
77 Vascular Surgery	476.5	3,373.2	5,468.4	502.4
78 Cardiac Surgery	478.7	6,953.5	25,544.5	1,118.9
79 Addiction Med.	426.5	19,213.4	14,146.0	3,568.6
81 Crit. Care-Intens.	443.2	3,766.6	6,567.3	611.9
82 Ophthal-cat/Hematology	392.6	7,865.8	9,265.8	1,517.2
83 Hemat./Oncology	454.1	2,008.1	1,492.2	280.4
84 Prevent. Med.	379.7	7,891.5	14,671.0	1,566.0
85 Maxillofacial Surg.	975.4	4,103.1	6,744.6	290.9
86 Neuropsychiatry	564.5	2,825.6	2,823.9	340.2
90 Medical Oncology	490.8	4,205.9	1,251.0	628.9
91 Surgical Oncology	514.8	7,279.3	16,891.8	1,100.3
92 Radiation Oncol.	290.7	4,253.7	7,327.0	1,014.3
93 Emergency Med.	184.2	5,480.5	10,229.8	1,863.6
94 Intervention Rad.	284.5	8,960.1	16,323.4	2,256.4
99 Unk. Phys. Spec.	NA	0.0	0.0	NA

NOTE: percents obtained from Tables 1A, 2, 3, and 4.

Table 6. Number of Medicare physicians with a specialty change by source of data, region, and state/carrier

<i>Changes: 1991 to new specialties</i>						
<i>HCFA region &amp; State/carrier no.</i>		<i>9/91 In- force [1]</i>	<i>Total</i>	<i>Carrier reports</i>	<i>UPIN files [2]</i>	<i>Total as a percent of 91 IF</i>
1 Boston						
Connecticut	10230	10,198	1,655	1,527	128	16.2
Maine	21200	3,538	112	92	20	3.2
Massachusetts	00700	25,020	756	522	234	3.0
New Hampshire	00780	3,115	149	143	6	4.8
Rhode Island	00870	3,024	212	189	23	7.0
Vermont	00781	2,044	40	29	11	2.0
2 New York						
New York - Empire	00803	42,986	51	0	51	0.1
New York - 3	14330	6,094	180	0	180	3.0
New York - Western	00801	13,979	627	603	24	4.5
Puerto Rico	00973	6,348	344	0	344	5.4
Virgin Islands	00974	7	0	0	0	0.0
3 Philadelphia						
Delaware	00570	1,549	202	0	202	13.0
District of Columbia	00580	9,808	1,282	0	1,282	13.1
Maryland	00690	8,659	1,096	682	414	12.7
New Jersey	00860	18,962	1,493	0	1,493	7.9
Pennsylvania	00865	40,301	4,903	0	4,903	12.2
Virginia	10490	10,930	801	603	198	7.3
West Virginia	16510	5,095	348	0	348	6.8

[1] Active and valid UPIN's on 9/91 UPIN file.

[2] Unduplicated counts: represents physician specialty changes reported on UPIN files but not on carrier reports.

Table 6. Number of Medicare physicians with a specialty change by source of data, region, and state/carrier

<i>Changes: 1991 to new specialties</i>						
<i>HCFA region &amp; State/carrier no.</i>		<i>9/91 In-force [1]</i>	<i>Total</i>	<i>Carrier reports</i>	<i>UPIN files [2]</i>	<i>Total as a percent of 91 IF</i>
4 Atlanta						
Alabama	00510	9,014	689	536	153	7.6
Florida	00590	36,329	4,031	3,090	941	11.1
Georgia	01040	12,030	870	284	586	7.2
Kentucky	00660	8,626	530	339	191	6.1
Mississippi	10250	4,528	611	0	611	13.5
North Carolina	05535	15,618	1,255	1,124	131	8.0
South Carolina	00880	8,281	752	400	352	9.1
Tennessee	05440	12,364	1,252	1,167	85	10.1
5 Chicago						
Illinois	00621	29,373	3,942	1,947	1,995	13.4
Indiana	00630	11,892	1,352	945	407	11.4
Michigan	00710	20,007	2,136	0	2,136	10.7
Minnesota (BS)	00720	4,753	82	0	82	1.7
Minnesota (Trav.)	10240	7,873	8	0	8	0.1
Ohio	16360	27,405	2,021	0	2,021	7.4
Wisconsin	00951	12,737	751	698	53	5.9
6 Dallas						
Arkansas	00520	5,319	276	85	191	5.2
Louisiana	00528	9,246	395	196	199	4.3
New Mexico	01360	3,443	207	106	101	6.0
Oklahoma	01370	6,594	315	212	103	4.8
Texas	00900	36,650	2,317	0	2,317	6.3
7 Kansas City						
Iowa	00640	7,129	422	375	47	5.9
Kansas	00650	3,850	248	215	33	6.4
KC, MO	00740	4,830	414	186	228	8.6
Missouri	11260	10,241	1,096	720	376	10.7
Nebraska	00655	3,105	189	175	14	6.1

[1] Active and valid UPIN's on 9/91 UPIN file.

[2] Unduplicated counts: represents physician specialty changes reported on UPIN files but not on carrier reports.

Table 6. Number of Medicare physicians with a specialty change by source of data, region, and state/carrier

HCFA region & State/carrier no.		9/91 in-force [1]	Total	Carrier reports	Changes: 1991 to new specialties		
					UPIN files [2]	Total as a percent of 91 IF	
8	Denver						
	Colorado	00550	8,033	387	0	4.8	
	Montana	00751	2,127	51	51	2.4	
	North & South Dakota	00820	3,365	284	284	8.4	
	Utah	00910	3,471	186	1	5.4	
	Wyoming	00825	1,092	132	132	12.1	
9	San Francisco						
	Arizona	01030	9,043	684	433	7.6	
	California - 1	00542	54,628	2,594	2,594	4.7	
	California - 2	02050	40,866	2,321	2,321	5.7	
	Hawaii	01120	2,926	170	28	5.8	
	Nevada	01290	2,587	261	153	10.1	
10	Seattle						
	Alaska	01020	1,175	60	42	5.1	
	Idaho	05130	2,064	147	18	7.1	
	Oregon	01380	7,700	322	175	4.2	
	Washington	00932	11,987	3,104	339	25.9	
0	RRB						
	Railroad Ret. Board	10072	108,505	909	909	0.8	
	Railroad Ret. Board	10074	69,874	403	403	0.6	
Total, All regions							
	Sum		852,337	52,427	21,322	31,105	6.2
	Unduplicated		597,241	51,354	21,088	30,266	8.6

[1] Active and valid UPIN's on 9/91 UPIN file.

[2] Unduplicated counts: represents physician specialty changes reported on UPIN files but not on carrier reports.

**Table 7. Comparison of Medicare physicians' specialty changes  
by region, state/carrier [1], and source of data, 1991-1993**

<i>HCFA region &amp; State/carrier no.</i>		<i>Carrier reports (total) (1)</i>	<i>UPIN files (total) (2)</i>	<i>Combined sources [2] (3)</i>	<i>UPIN files only [3] (4)</i>
1	Boston				
	Connecticut	10230	1,527	1,394	1,655
	Maine	21200	92	98	112
	Massachusetts	00700	522	688	756
	New Hampshire	00780	143	126	149
	Rhode Island	00870	189	108	212
	Vermont	00781	29	38	40
2	New York				
	New York - 2	00803	NA		
	New York - 3	14330	NA		
	New York - Western	00801	603	52	627
	Puerto Rico	00973	NA		24
	Virgin Islands	00974	NA		
3	Philadelphia				
	Delaware	00570	NA		
	District of Columbia	00580	NA		
	Maryland	00690	682	925	1,096
	New Jersey	00860	NA		414
	Pennsylvania	00865	NA		
	Virginia	10490	603	611	801
	West Virginia	16510	NA		198

[1] Includes only those carriers whose reported changes in physician specialties were usable for this study.

[2] Unduplicated counts of physician specialty changes from either carrier reports or UPIN file matches; sum of columns (1) and (4).

[3] On UPIN files; not on carrier reports.

**Table 7. Comparison of Medicare physicians' specialty changes  
by region, state/carrier [1], and source of data, 1991-1993**

		Carrier reports	UPIN files	Combined sources		
		(total)	(total)	[2]	UPIN files only [3]	
HCFA region & State/carrier no.		(1)	(2)	(3)	(4)	
4	Atlanta					
	Alabama	00510	536	650	689	153
	Florida	00590	3,090	3,580	4,031	941
	Georgia	01040	284	713	870	586
	Kentucky	00660	339	502	530	191
	Mississippi	10250	NA			
	North Carolina	05535	1,124	959	1,255	131
	South Carolina	00880	400	642	752	352
	Tennessee	05440	1,167	983	1,252	85
5	Chicago					
	Illinois	00621	1,947	3,674	3,942	1,995
	Indiana	00630	945	1,279	1,352	407
	Michigan	00710	NA			
	Minnesota (BS)	00720	NA			
	Minnesota (Trav.)	10240	NA			
	Ohio	16360	NA			
	Wisconsin	00951	698	57	751	53
6	Dallas					
	Arkansas	00520	85	271	276	191
	Louisiana	00528	196	364	395	199
	New Mexico	01360	106	199	207	101
	Oklahoma	01370	212	299	315	103
	Texas	00900	NA			
7	Kansas City					
	Iowa	00640	375	328	422	47
	Kansas	00650	215	177	248	33
	KC, MO	00740	186	375	414	228
	Missouri	11260	720	967	1,096	376
	Nebraska	00655	175	149	189	14

[1] Includes only those carriers whose reported changes in physician specialties were usable for this study.

[2] Unduplicated counts of physician specialty changes from either carrier reports or UPIN file matches; sum of columns (1) and (4).

[3] On UPIN files; not on carrier reports.

46



**Table 7. Comparison of Medicare physicians' specialty changes  
by region, state/carrier [1], and source of data, 1991-1993**

<i>HCFA region &amp; State/carrier no.</i>		<i>Carrier reports (total) (1)</i>	<i>UPIN files (total) (2)</i>	<i>Combined sources [2] (3)</i>	<i>UPIN files only [3] (4)</i>
8	Denver				
	Colorado 00550	387	0	387	0
	Montana 00751	NA			
	North & South Dakota 00820	NA			
	Utah 00910	185	3	186	1
	Wyoming 00825	NA			
9	San Francisco				
	Arizona 01030	251	616	684	433
	California - 1 00542	NA			
	California - 2 02050	NA			
	Hawaii 01120	142	151	170	28
	Nevada 01290	108	184	261	153
10	Seattle				
	Alaska 01020	18	55	60	42
	Idaho 05130	129	126	147	18
	Oregon 01380	147		322	175
	Washington 00932	2,765	1,596	3,104	339
0	RRB				
	Railroad Ret. Board 10072	NA			
	Railroad Ret. Board 10074	NA			
<b>Total, All regions</b>					
	Sum	21,322	23,211	29,755	8,433
	Unduplicated	21,088	23,081	29,409	8,321

[1] Includes only those carriers whose reported changes in physician specialties were usable for this study.

[2] Unduplicated counts of physician specialty changes from either carrier reports or UPIN file matches; sum of columns (1) and (4).

[3] On UPIN files; not on carrier reports.

**Table 8. Comparison of specialty changes between UPIN file match and carrier reports**

**Maine**

	<i>UPIN Files 9/91 &amp; 1/93</i>		<i>Carrier Reports</i>	
	<i>Number of UPIN'S</i>	<i>Number of practice settings</i>	<i>Number of UPIN'S</i>	<i>Number of practice settings</i>
On both UPIN file and carrier report	78	114	78	78
On UPIN; not on carrier report	20[1]	26[1]	-	-
On carrier report; not on UPIN file	-	-	15[1,2]	16[1,2]
<b>Total</b>	<b>98</b>	<b>140</b>	<b>93</b>	<b>94</b>

[1] Includes one physician on both UPIN files and carrier reports, but with a different UPIN but same provider number.

[2] Includes one physician whose specialty did not change.

**Table 9. Summary of UPIN files by activity status**

<b>Summary of UPIN's on 9/91 file</b>			
<b>Status 1993</b>	<b>Status 1991</b>		
	<b>Total</b>	<b>Active</b>	<b>Inactive</b>
Total	613,006	597,241	15,765
Active	581,367	580,989	378
Inactive	30,501	15,183	15,318
Missing	1,138	1,069	69

  

<b>Summary of UPIN's on 1/93 file</b>			
<b>Status 1991</b>	<b>Status 1993</b>		
	<b>Total</b>	<b>Active</b>	<b>Inactive</b>
Total	678,043	646,545	31,498
Active	596,172	580,989	15,183
Inactive	15,696	378	15,318
Missing	66,175	65,178	997

**Table 10. Inventory of Medicare physicians by region  
and state/carrier, 1991-1993**

			Newly activated UPIN's	Deactivated UPIN's	1/93 In- force [4]	Total changes 91-93	Changes as a % of 91 IF	
HCFA region & State/carrier no.		9/91 In- force [1]	91-93 [2]	91-93 [3]				
1	Boston							
	Connecticut	10230	10,198	724	-374	10,548	350	3.4
	Maine	21200	3,538	256	-109	3,685	147	4.2
	Massachusetts	00700	25,020	2,522	-933	26,609	1,589	6.4
	New Hampshire	00780	3,115	291	-70	3,336	221	7.1
	Rhode Island	00870	3,024	450	-84	3,390	366	12.1
	Vermont	00781	2,044	234	-67	2,211	167	8.2
2	New York							
	New York - 2	00803	42,986	4,120	-50	47,056	4,070	9.5
	New York - 3	14330	6,094	512	-437	6,169	75	1.2
	New York - Western	00801	13,979	1,565	-1,957	13,587	-392	-2.8
	Puerto Rico	00973	6,348	498	-125	6,721	373	5.9
	Virgin Islands	00974	7	1	0	8	1	14.3
3	Philadelphia							
	Delaware	00570	1,549	288	-148	1,689	140	9.0
	District of Columbia	00580	9,808	1,478	-973	10,313	505	5.1
	Maryland	00690	8,659	1,074	-400	9,333	674	7.8
	New Jersey	00860	18,962	2,878	-932	20,908	1,946	10.3
	Pennsylvania	00865	40,301	3,370	-3,418	40,253	-48	-0.1
	Virginia	10490	10,930	861	-672	11,119	189	1.7
	West Virginia	16510	5,095	579	-328	5,346	251	4.9

[1] Active and valid UPIN's on 9/91 UPIN file.

[2] New physicians or newly assigned UPIN's; does not include changes in specialty 91-93.

[3] Deaths or previous incorrect UPIN's; does not include changes in specialty 91-93.

[4] Active and valid UPIN's on 1/93 UPIN file.

28

Table 10. Inventory of Medicare physicians by region  
and state/carrier, 1991-1993

HCFA region & State/carrier no.		9/91 In-	Newly	Deactivated	1/93 In-	Total	Changes	
		force [1]	activated UPIN's 91-93 [2]	UPIN's 91-93 [3]	force [4]	changes 91-93	as a % of 91 IF	
4	Atlanta							
	Alabama	00510	9,014	936	-533	9,417	403	4.5
	Florida	00590	36,329	3,928	-1,656	38,601	2,272	6.3
	Georgia	01040	12,030	2,564	-81	14,513	2,483	20.6
	Kentucky	00660	8,626	902	-53	9,475	849	9.8
	Mississippi	10250	4,528	231	-291	4,468	-60	-1.3
	North Carolina	05535	15,618	1,704	-56	17,266	1,648	10.6
	South Carolina	00880	8,281	689	-155	8,815	534	6.4
	Tennessee	05440	12,364	1,089	-37	13,416	1,052	8.5
5	Chicago							
	Illinois	00621	29,373	2,363	-384	31,352	1,979	6.7
	Indiana	00630	11,892	1,457	-274	13,075	1,183	9.9
	Michigan	00710	20,007	5,918	-279	25,646	5,639	28.2
	Minnesota (BS)	00720	4,753	650	-141	5,262	509	10.7
	Minnesota (Trav.)	10240	7,873	694	-348	8,219	346	4.4
	Ohio	16360	27,405	3,194	-1,424	29,175	1,770	6.5
	Wisconsin	00951	12,737	1,416	-458	13,695	958	7.5
6	Dallas							
	Arkansas	00520	5,319	707	-151	5,875	556	10.5
	Louisiana	00528	9,246	956	-333	9,869	623	6.7
	New Mexico	01360	3,443	326	-14	3,755	312	9.1
	Oklahoma	01370	6,594	600	-52	7,142	548	8.3
	Texas	00900	36,650	2,718	-2,265	37,103	453	1.2
7	Kansas City							
	Iowa	00640	7,129	875	-574	7,430	301	4.2
	Kansas	00650	3,850	753	-137	4,466	616	16.0
	KC, MO	00740	4,830	385	-219	4,996	166	3.4
	Missouri	11260	10,241	735	-689	10,287	46	0.4
	Nebraska	00655	3,105	394	-114	3,385	280	9.0

[1] Active and valid UPIN's on 9/91 UPIN file.

[2] New physicians or newly assigned UPIN's; does not include changes in specialty 91-93.

[3] Deaths or previous incorrect UPIN's; does not include changes in specialty 91-93.

[4] Active and valid UPIN's on 1/93 UPIN file.

629

**Table 10. Inventory of Medicare physicians by region  
and state/carrier, 1991-1993**

HCFA region & State/carrier no.		9/91 In-	Newly	Deactivated	1/93 In-	Total	Changes
		force [1]	activated UPIN's 91-93 [2]	UPIN's 91-93 [3]	force [4]	changes 91-93	as a % of 91 IF
8	Denver						
	Colorado	00550	8,033	1,511	-18	9,526	1,493
	Montana	00751	2,127	211	-151	2,187	60
	North & South Dakota	00820	3,365	293	-258	3,400	35
	Utah	00910	3,471	457	-254	3,674	203
	Wyoming	00825	1,092	127	-122	1,097	5
9	San Francisco						
	Arizona	01030	9,043	781	-417	9,407	364
	California - 1	00542	54,628	8,440	-6,207	56,861	2,233
	California - 2	02050	40,866	5,598	-659	45,805	4,939
	Hawaii	01120	2,926	243	-20	3,149	223
	Nevada	01290	2,587	217	-147	2,657	70
10	Seattle						
	Alaska	01020	1,175	159	-51	1,283	108
	Idaho	05130	2,064	156	-23	2,197	133
	Oregon	01380	7,700	714	-172	8,242	542
	Washington	00932	11,987	2,141	-1,410	12,718	731
0	RRB						
	Railroad Ret. Board	10072	108,505	8,841	-995	116,351	7,846
	Railroad Ret. Board	10074	69,874	4,350	-855	73,369	3,495
Total, All regions							
	Sum		852,337	92,124	-33,554	910,907	58,570
	Unduplicated		597,241	65,563	-16,259	646,545	49,304

[1] Active and valid UPIN's on 9/91 UPIN file.

[2] New physicians or newly assigned UPIN's; does not include changes in specialty 91-93.

[3] Deaths or previous incorrect UPIN's; does not include changes in specialty 91-93.

[4] Active and valid UPIN's on 1/93 UPIN file.

05

**Table 11A. Distribution of active physicians by number of reported specialties, 9/91 UPIN file [1]**

<i>Number of specialties</i>	<i>Number of UPIN's</i>	<i>Cumulative number of UPIN's</i>	<i>Cumulative percent of total UPIN's</i>
1	375,355	375,355	62.76
2	182,278	557,633	93.23
3	34,497	592,130	99.00
4	5,236	597,366	99.88
5	661	598,027	99.99
6	71	598,098	100.00
7	10	598,108	100.00
8	2	598,110	100.00
9	1	598,111	100.00
10	1	598,112	100.00
<b>Total</b>	<b>598,112</b>		

**Table 11B. Distribution of active physicians by number of reported specialties, 1/93 UPIN file [1]**

<i>Number of specialties</i>	<i>Number of UPIN's</i>	<i>Cumulative number of UPIN's</i>	<i>Cumulative percent of total UPIN's</i>
1	518,809	518,809	80.23
2	104,690	623,499	96.42
3	19,444	642,943	99.42
4	3,026	645,969	99.89
5	405	646,374	99.96
6	39	646,413	99.96
7	8	646,421	99.96
8	3	646,424	99.96
10	10	646,434	99.96
11	195	646,629	99.99
12	34	646,663	100.00
13	1	646,664	100.00
<b>Total</b>	<b>646,664</b>		

[1] Includes UPIN's reported on 1992 Carrier Specialty Change Reports, but not reported on UPIN files; 871 for 9/91 file and 119 for 9/93 file.

**Specialty changes in 1992**

**Carrier 99999**

**All carriers**

**Old Specialty**

<i>New Specialty</i>	0	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
01 Gen. Practice			234.7	2.5	4.8	27.2	9.1	3.4	519.3	1.7	0.5	192.1	42.9	4.7	0.6	1.7	41.0	0.3	2.4	4.5	8.6
02 Gen. Surgery		115.4		0.8	3.7	16.7	25.7	1.5	35.3		2.5	38.1	2.0	3.8	1.1	0.3	4.6		1.0	3.0	2.0
03 Allergy/Immun.		17.5	9.5		12.7	0.7		3.8	5.4			110.8	0.5				1.0	0.5			
04 Otolaryngology		20.3	24.7	3.4		0.6	1.8		3.1			8.3	1.0	0.2			1.2	60.4	16.8		2.0
05 Anesthesiology		26.4	3.4				3.8	1.0	6.2		1.0	13.4	1.5	0.5	0.3		2.6		0.6	5.2	0.9
06 Cardiology		39.7	28.0	1.1	0.3	2.7			8.6		1.9	798.8	0.8	1.5			2.5		1.1		0.3
07 Dermatology		19.6	4.5	0.6	1.5		0.5		2.9			23.8	0.5						0.5		0.3
08 Family Practice		2,088.7	104.1	2.5	1.6	13.5	7.5	6.3		1.5	2.3	212.3	32.3	0.3	0.8	0.8	29.0	0.3	3.2		6.8
09 Gynecology (Ost)		1.0															29.7				
10 Gastroenterology		15.0	12.7		0.5		3.0		1.7			569.7		0.5			1.0				0.5
11 Internal Med.		397.5	25.9	24.4	1.0	5.0	256.6	5.9	87.9	2.3	144.1		8.9	8.4	2.7	1.5	6.8	0.5	1.3	1.2	2.7
12 Ost. Manip. Ther.		52.8	0.3					1.0	17.8			2.8		1.0						0.5	0.5
13 Neurology		17.3	0.9		0.8	1.0	6.1		3.7		0.5	35.1	1.1		31.2		1.7	0.3	1.8		0.5
14 Neurosurgery		9.6	11.8			1.3	0.3		0.3			1.3		37.8							1.2
15 Obstetrics (Ost)																					
16 Ob-Gynecology		87.5	10.7		1.5	0.9	1.3		12.4	165.4	0.8	20.0	2.9		0.3	54.5			1.7	2.0	0.3
17 Ophth-etc (Ost)					0.5														0.8		
18 Ophthalmology		25.3	4.1		5.9	1.5	0.3	0.3	4.6			4.5	0.5	0.2	0.3	0.3	1.7	116.9		0.2	
19 Oral Surgery (Dent)		1.5	8.9	0.8	1.0	0.5			0.3			2.5		0.3			0.5				1.0
20 Orthopedic Surg.		35.3	22.7		0.3	0.2			5.6	0.3	0.5	9.5	2.5	0.5	1.7		0.5		1.5	2.0	
21 Path. Anat. (Ost)																					
22 Pathology		13.2	2.3			0.5	4.7	3.2	4.0			12.4	1.0	1.5	1.0				0.7	7.7	1.0
23 Periph. Vascular (Ost)			1.0		0.1				0.3												
24 Plastic Surgery		7.3	41.1		15.8			2.8	0.6			2.7			1.0				2.2	2.0	2.9
25 Phys. Med. & Rehab.		26.1	1.2			2.5			8.9			11.8	1.0	1.9	0.7	0.5			0.3	1.0	5.1
26 Psychiatry		69.5	0.8	0.5		1.8	2.5		15.9		2.0	26.2	1.0	14.5	0.8		1.2		2.0	1.5	
27 Psychiatry/Neur. (Ost)			0.3											0.5							
28 Colorectal Surg.		4.5	85.5							0.3		1.0	0.8		0.5						
29 Pulmonary Dis.		16.4	14.0	3.5		1.7	3.4	0.3	0.8		1.3	510.5	0.3	1.6	0.3						0.8
30 Diag. Radiology		24.8	4.3	0.5	0.5	3.7	3.6		5.3		0.3	19.5		5.7	0.7		3.3		0.5	6.5	1.1
31 Roentgen./Rad. (Ost)																					
32 Radiation Ther. (Ost)												3.1									
33 Thoracic Surg.		6.1	85.4				33.4		0.5			5.0					0.3				
34 Urology		20.3	12.6			0.3			0.5			7.6		0.5			1.8				
35 Chiropractic		5.3				0.5	1.3		0.5			0.5									1.0
36 Nuclear Medicine		1.7	1.2			0.3	2.5				0.3	19.1	0.1	0.8						1.0	
37 Pediatric Med.		70.4	8.7	21.3		4.2	28.4	0.3	28.6		10.8	47.4	3.0	8.2	0.3		5.5	0.3	2.0	0.5	1.0
38 Geriatric Med.		27.6	2.2			1.5	1.3		45.8		0.1	178.3		0.5			1.0				
39 Nephrology		8.0	0.1				1.7		1.9		1.0	364.4		3.6			0.1				
40 Hand Surgery		2.5	13.3		0.5							0.5									83.2



**Specialty changes in 1992**

**Carrier 99999**

**All carriers**

**Old Specialty**

<b>New Specialty</b>	<b>0</b>	<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>08</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
41 Optometrist	1.7										0.5	0.8							8.9	1.0	0.7
42 CN Midwife												0.5									
44 Infectious Dis.	13.6	0.9	2.0	1.5		0.9			3.6			546.5							0.5		
46 Endocrinology	22.5	2.1		3.0		0.5			1.5	1.0	0.5	861.4					6.6		0.3		
48 Podiatry	1.0						0.3		0.5			1.5	0.3		1.0						0.8
49 Misc. (inc. ASC)	1.5										0.5	6.3								0.5	
54 Med. Sup./Other																					
58 Indiv./Other																					
59 Ambulance																					
60 Public Hlth.																				2.0	
62 Psychologist/Ind.												0.5			0.1						
63 Portable X-ray																					
66 Rheumatology	19.2	0.5	2.3			0.5	0.5	2.5				929.4	0.5	1.4	0.5		0.3		0.3	1.3	
68 Clin. Psychologist																					
69 Indep. Clin. Lab.																					
70 Clinic or Group	37.6	41.8	1.5	0.6	21.9	7.9	5.5	23.1			0.8	24.7		11.5			14.1		18.3	1.5	0.3
72 GPPP/Diag. Lab.																					
76 Periph. Vasc. Dis.	5.9	20.5	0.5			5.1	0.5	0.6				9.7		0.3							
77 Vascular Surgery	4.8	269.7			0.9	26.6		0.7				6.0								0.3	
78 Cardiac Surgery	0.6	51.4				67.2	0.3	1.0				0.3									
79 Addiction Med.	10.5	2.3						17.1				12.8					1.4		17.5		
81 Crit. Care-Intens.	6.3	21.5			7.3	1.4		1.5			0.5	150.8		1.5							1.0
82 Ophthal.-Cat./Hemat.	0.5	0.3										103.0						0.9	74.6		
83 Hemat./Oncology	34.3	4.8		0.5	2.5	2.0	0.7	2.3				1,391.1	0.3	0.2			2.3		0.5		
84 Prevent. Med.	36.8	1.0						16.8				17.2	0.5	1.0			0.3				
85 Maxillofacial Surg.	1.5	27.8		3.3								0.3					1.2		0.3	510.0	
86 Neuropsychiatry	4.9		0.3			0.3		0.5				1.3		4.5						1.3	
87 All Other Suppliers																					
88 Unknown supplier																					
90 Medical Oncology	6.5	1.6	0.3					1.0			0.3	436.5					3.2	0.3			
91 Surgical Oncology	0.5	79.1		0.3				1.3		0.3		7.7					27.5				1.0
92 Radiation Oncol.	7.3	2.3			0.5	0.2		0.8	0.5			14.0					0.5		1.0	1.5	
93 Emergency Med.	2,381.2	79.2	0.2	1.6	6.0	5.2	2.3	727.0	22.6	0.7	514.9	3.6	3.1	0.6	0.3	5.2	0.1	0.5	0.5	6.8	
94 Intervention Rad.	1.7				0.3	0.7						0.3									
97 Physician Asst.												0.2									
99 Unk. Phys. Spec.																	2.8			3.0	
<b>All specialties</b>	<b>-5,874.0</b>	<b>-1,377.6</b>	<b>-69.0</b>	<b>-63.6</b>	<b>-128.0</b>	<b>-517.4</b>	<b>-41.0</b>	<b>-1,628.8</b>	<b>-196.1</b>	<b>-174.6</b>	<b>-8,280.4</b>	<b>-109.3</b>	<b>-122.2</b>	<b>-46.5</b>	<b>-59.9</b>	<b>-202.2</b>	<b>-180.9</b>	<b>-162.7</b>	<b>-560.5</b>	<b>-135.2</b>	

**Specialty changes in 1992**

**Carrier 99999**

**All carriers**

**Old Specialty**

<b>New Specialty</b>	<b>0</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>37</b>	<b>38</b>	<b>39</b>	<b>40</b>	<b>41</b>	<b>44</b>
01 Gen. Practice	0.3	18.0	3.7	1.7	4.6	25.1			3.0	5.0	8.9	1.6		3.8	10.8	1.5	0.7	49.5	2.8	1.0			1.0
02 Gen. Surgery		0.7	82.6	3.1	0.8	4.5			15.6	2.7	1.7			88.8	3.3		0.3	23.1		0.3	3.3	1.0	
03 Allergy/Immun.		2.4								4.0	0.3							52.9					0.3
04 Otolaryngology			0.5	7.3		0.5												2.0					
05 Anesthesiology		0.6				0.5				1.3	0.5			1.5		0.3		6.7					
06 Cardiology		0.5	0.7	0.2	1.3	0.5				1.9	4.1			18.1				30.8	0.3	0.5			0.5
07 Dermatology	0.3	2.9		6.3		0.5					0.3							2.8	0.3				
08 Family Practice		12.9	0.3	0.2	3.8	18.0		0.5	2.7	1.5	11.3	1.0		2.1	3.8	1.3		34.3	11.9			1.2	
09 Gynecology (Ost)																							
10 Gastroenterology												0.5						14.8		0.3			
11 Internal Med.	0.3	6.3	0.8	0.8	3.5	14.2				104.6	7.2	0.3		3.7	5.0		1.6	22.4	13.2	76.7		0.6	26.4
12 Ost. Manip. Ther.			1.0		8.0	0.5	0.3	1.0	1.0			1.0											
13 Neurology		0.5			1.2	11.6	32.9			0.7	1.9	0.3			3.5			21.3	1.3	4.2			
14 Neurosurgery					1.0						1.0							0.8					
15 Obstetrics (Ost)																							
16 Ob-Gynecology		1.3				3.6					1.3	0.5			0.6			3.3	0.5	0.5			
17 Ophth-etc (Ost)																							
18 Ophthalmology		0.5		0.7	0.3	0.8					0.3						0.3	3.4	0.5			5.3	
19 Oral Surgery (Dent)		0.5		2.0														3.0					
20 Orthopedic Surg.			0.5	1.1	2.2	0.5		0.3			1.8	0.3			0.3			2.4			4.6		
21 Path. Anat. (Ost)		0.3																					
22 Pathology	58.9		1.8	0.3	0.5	1.0	0.5		0.3	0.9				1.0	0.3		2.0	1.8					1.3
23 Periph. Vascular (Ost)														2.8									
24 Plastic Surgery					0.8	1.0					0.3			1.2	0.3			0.3			5.7		
25 Phys. Med. & Rehab.				1.5		20.2	0.5		0.5	1.0					0.3	1.0		0.3					
26 Psychiatry		0.5	1.8		12.3		100.9			1.9	0.3				0.6	0.8	0.5	16.9	1.5	0.7			
27 Psychiatry/Neur. (Ost)						0.8																	
28 Colorectal Surg.	0.5									0.5				0.3									
29 Pulmonary Dis.		0.6			1.8	1.0								3.0				9.8		0.3			
30 Diag. Radiology		3.0				0.2						169.2	4.8		1.0	0.3	13.7	1.5		0.9	0.5		
31 Roentgen./Rad. (Ost)										3.6													
32 Radiation Ther. (Ost)										20.0							1.5						
33 Thoracic Surg.			0.3	1.0					0.5						2.0			0.5					
34 Urology	0.5			1.0		0.7		1.4		0.5				0.5		1.0		1.0		1.3			
35 Chiropractic					0.3	1.0				0.6								13.3	0.5			1.5	
36 Nuclear Medicine		3.9				0.5				53.9			0.5	0.2									
37 Pediatric Med.		0.5			0.3	5.8		0.5	5.8	3.3				4.0	0.8	32.1	0.4			6.7		7.1	
38 Geriatric Med.	0.5	0.3			0.5	3.7	0.5	0.5	0.8						0.3			1.7					0.3
39 Nephrology						0.5				1.8					7.9	1.0		11.7	0.5				
40 Hand Surgery				14.8																		0.3	

Specialty changes in 1992

Carrier 99999

All carriers

Old Specialty

New Specialty	0	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	44
41 Optometrist									0.5	0.3				0.5		1.0							
42 CN Midwife																							
44 Infectious Dis.			3.4		0.5					1.8	2.2				1.0			14.2					
46 Endocrinology			0.3				0.3			2.0	0.3					0.5	1.7	22.4		1.4	0.5		0.7
48 Podiatry							0.5						0.3		0.3	0.5							2.0
49 Misc. (Inc. ASC)			0.3							0.3								1.5					1.3
54 Med. Sup./Other																					0.5		
58 Indiv./Other																							
59 Ambulance																							
60 Public Hlth.																							
62 Psychologist/Ind.																							
63 Portable X-ray																							
66 Rheumatology					0.5	1.3	0.3			0.2								2.5					8.7
68 Clin. Psychologist																							
69 Indep. Clin. Lab.			1.3																				
70 Clinic or Group			11.5		1.5	0.3	19.2			0.3	12.5			2.3	1.3			31.5		0.2		0.5	
72 GPPP/Diag. Lab.														0.3									
76 Periph. Vasc. Dis.				87.7			0.3				0.7			6.3									
77 Vascular Surgery			0.7	8.8										126.0									
78 Cardiac Surgery											0.6			284.5				0.2					
79 Addiction Med.			0.3				5.4											1.3					
81 Crit. Care-Intens.										33.0				1.0				40.5		0.3			
82 Ophthal.-Cat./Hemat.			0.8						0.3									0.3	0.5			2.8	
83 Hemat./Oncology			16.2							0.8	3.2		1.2	1.3	0.3		0.8	30.4					12.0
84 Prevent. Med.						1.7	1.0			0.5								2.3		6.8			
85 Maxillofacial Surg.				0.5	3.1																	1.0	
86 Neuropsychiatry			0.5				38.3	76.1															
87 All Other Suppliers																						0.5	
88 Unknown supplier																							
90 Medical Oncology			0.6								2.7							0.5				2.0	2.8
91 Surgical Oncology											6.9												
92 Radiation Oncol.			0.3				0.5				511.5	1.2	78.3			0.5	1.8		2.3		0.6		
93 Emergency Med.			6.0	0.1	2.3	0.3	2.3			1.7	4.2			2.5	1.6	0.5		26.3	0.8	0.3			5.2
94 Intervention Rad.											81.8			11.7				1.0					
97 Physician Asst.																							
99 Unk. Phys. Spec.									1.0														

All specialties

-61.3 | -98.2 | -191.0 | -49.7 | -46.7 | -185.1 | -212.2 | -26.8 | -173.1 | -753.5 | -176.2 | -85.0 | -567.9 | -47.4 | -41.9 | -25.6 | -507.1 | -35.2 | -102.3 | -14.6 | -17.1 | -69.7

**Specialty changes in 1992**

**Carrier 89999**

**All carriers**

		Old Specialty																	All		Net	
New Specialty	0	46	48	49	58	63	68	69	70	81	82	83	84	87	88	90	91	93	94	99	specialties	change
01 Gen. Practice				27.4					84.8												1,356.9	-4,517.1
02 Gen. Surgery			0.5	0.8					60.3											1.0	551.8	-825.9
03 Allergy/Immun.									6.4												228.6	159.7
04 Otolaryngology									17.9												171.9	108.2
05 Anesthesiology				0.3					24.6												103.0	-25.0
06 Cardiology			0.3	1.4					31.8											0.2	980.3	462.9
07 Dermatology			0.5						27.6												96.0	55.0
08 Family Practice			1.0	4.3					292.5									0.3		0.8	2,919.5	1,291.2
09 Gynecology (Ost)																					30.7	-165.4
10 Gastroenterology									23.4												643.5	469.0
11 Internal Med.	1.0	1.8	19.3						295.3			0.5								3.8	1,593.5	-6,686.4
12 Ost. Manip. Ther.									0.3												89.9	-19.4
13 Neurology				0.3					32.5												214.0	91.9
14 Neurosurgery				0.5					10.7												77.5	31.0
15 Obstetrics (Ost)																						-59.9
16 Ob-Gynecology				0.3					93.3											1.0	468.1	265.9
17 Ophth-etc (Ost)																					1.3	-179.5
18 Ophthalmology									41.3		4.2										224.1	61.4
19 Oral Surgery (Dent)				1,361.0					5.8											1.0	1,390.7	830.2
20 Orthopedic Surg.			0.3	1.3					49.9												148.6	13.4
21 Path. Anat. (Ost)																					0.3	-61.0
22 Pathology			1.0	2.3				1.8	20.3												149.2	51.0
23 Periph. Vascular (Ost)									0.2												4.5	-186.6
24 Plastic Surgery									3.5												91.4	41.7
25 Phys. Med. & Rehab.				1.5					4.8												92.5	45.8
26 Psychiatry				0.8			0.2		65.2												345.0	159.9
27 Psychiatry/Neur. (Ost)																					1.6	-210.6
28 Colorectal Surg.									1.1												95.0	68.2
29 Pulmonary Dis.				0.3					13.6												585.2	412.1
30 Diag. Radiology				0.5		1.0			53.6										0.5	0.7	331.7	-421.8
31 Roentgen./Rad. (Ost)																					3.6	-172.7
32 Radiation Ther. (Ost)									1.4												26.0	-59.0
33 Thoracic Surg.									10.6												145.6	-422.4
34 Urology				2.0					22.7											0.3	76.5	29.1
35 Chiropractic			1.5	0.3																	28.1	-13.8
36 Nuclear Medicine									1.8												87.9	62.3
37 Pediatric Med.			1.1	116.8					181.0					0.5							607.5	100.5
38 Geriatric Med.									3.2												270.5	235.3
39 Nephrology									8.8											0.3	403.3	301.0
40 Hand Surgery									0.5												115.6	100.9

36

Specialty changes in 1992

Carrier 99999

All carriers

Old Specialty

New Specialty	0	46	48	49	58	63	68	69	70	81	82	83	84	87	88	90	91	93	94	99	All specialties	Net change
41 Optometrist					0.5				30.7											0.5	47.5	30.4
42 CN Midwife																					0.5	0.5
44 Infectious Dis.									12.2												604.7	535.0
46 Endocrinology				11.0					8.0	7.9								0.8			957.0	949.2
48 Podiatry									4.5												13.5	3.1
49 Misc. (Inc. ASC)															0.5					1.0	13.7	-1,872.8
54 Med. Sup./Other					1.0																1.5	1.5
58 Indiv./Other																						-1.5
59 Ambulance																						-1.3
60 Public Hlth.																				2.0	4.0	4.0
62 Psychologist/Ind.																					0.6	0.6
63 Portable X-ray																						-1.0
66 Rheumatology	6.8			5.5					6.2		10.5						0.5				1,002.4	1,002.4
68 Clin. Psychologist																						-0.2
69 Indep. Clin. Lab.																					1.3	-0.6
70 Clinic or Group			1.5	11.8														0.3			305.7	-1,515.9
72 GPPP/Diag. Lab.																					0.3	0.3
76 Periph. Vasc. Dis.									2.5												140.6	140.6
77 Vascular Surgery									4.3												438.7	438.7
78 Cardiac Surgery									4.3												410.2	410.2
79 Addiction Med.									1.3					0.5							70.5	70.5
81 Crit. Care-Intens.									3.4												269.8	262.0
82 Ophthal.-Cat./Hemat.				1.0								1.0									185.9	171.2
83 Hemat./Oncology		0.3		13.3					12.4											0.5	1,534.0	1,530.2
84 Prevent. Med.									0.5											1.0	87.4	86.8
85 Maxillofacial Surg.									0.3												549.3	549.3
86 Neuropsychiatry																					128.0	128.0
87 All Other Suppliers															0.2						0.7	0.2
88 Unknown supplier																						-0.7
90 Medical Oncology				3.6					4.4			2.6								1.3	470.1	469.8
91 Surgical Oncology				1.0					2.1												130.0	129.5
92 Radiation Oncol.									5.8												629.0	629.0
93 Emergency Med.				92.4					227.1							0.3				1.5	4,136.6	4,135.3
94 Intervention Rad.			0.5						1.4												99.4	98.9
97 Physician Asst.													0.2								0.4	0.4
99 Unk. Phys. Spec.				205.7																	212.5	195.7
All specialties	-7.8	-10.4	-1,886.5	-1.5	-1.0	-0.2	-1.8	-1,821.6	-7.9	-14.7	-4.1	-0.7	-0.5	-0.7	-0.3	-0.5	-1.3	-0.5	-16.8		-27,196.0	

## Appendix

**EXHIBIT 1**  
**PHYSICIAN SPECIALTY CHANGE STUDY**  
**STATUS OF DATA ACQUISITION**

- 1 - PC disk received
- 2 - PC disk available; being mailed
- 3 - Computer readable format can be made available with a charge
- 4 - PC disk not available
- 5 - Pending info from Regional Office/Carrier

Region/State	No. Items	Status	Notes
Boston I			
CT	1,541	1	
RI	195	1	
MA,ME,NH,VT	798	1	
New York II			
NY-Empire	30,000	5	UPIN file;no response
NY-Western	635	1	
NY-GHI	300	4	UPIN file
PR	514	4	Prior specialty missing UPIN file
VI	?	4	Missing; UPIN file
Philadelphia III			
DE	208	5	UPIN file;no resp. PA/BS
DC	1,206	5	" " " "
NJ	1,479	5	" " " "
PA	4,202	5	" " " "
MD	684	4	Scan completed
VA	627	1	
WV	469	4	Prior specialty missing UPIN file
Atlanta IV			
AL	865	1	
FL	5,929	1	
GA	285	1	
KY	360	1	
MS	?	4	UPIN file;disk not readable
NC	1,555	1	
SC	1,644	1	
TN	3,842	1	
Chicago V			
IL	1,966	1	
IN	1,428	1	Current provider file used
MI	4,935	4	Previous 3; UPIN file
MN-BS	200	4	UPIN missing on listing UPIN file
MN-Travelers	590	4	UPIN file;disk not readable
OH	4,295	4	Prior specialty missing UPIN file
WI	830	1	Current provider file used

**EXHIBIT 1**  
**PHYSICIAN SPECIALTY CHANGE STUDY**  
**STATUS OF DATA ACQUISITION**

Dallas VI			
AR	89	4	Scan completed
LA	200	4	" "
OK	200	4	" "
NM	103	4	" "
TX	2,765	4	Previous 3; UPIN file
Kansas City VII			
KS	219	1	
MO-KS/BS	200	1	
MO-Gen.Amer.	740	1	
NE	180	1	
IA	526	4	Scan completed
Denver VIII			
CO	404	1	
MT	168	4	UPIN file
ND,SD,WY	268	2	UPIN file
UT	186	1	
San Francisco IX			
AZ	240	4	Scan completed
CA-BS	1,400	4	UPIN file
CA-Trans.	2,418	4	" "
HI	144	4	Scan completed
NV	108	4	" "
Seattle X			
AK	18	1	
ID	220	1	
OR	147	1	
WA	3,483	1	



**EXHIBIT 1**  
**PHYSICIAN SPECIALTY CHANGE STUDY**  
**STATUS OF DATA ACQUISITION**

**SUMMARY OF CATEGORIES**

<u>Category</u>	<u>No. Distinct States/Carriers</u>	<u>No. Line Items</u>
1 - PC disk received	28	28,277
2 - PC disk being mailed		
3 - Computer readable format available with a charge (Included in category 4; MI&TX)		
4 - PC disk not available (includes Category 5)	30	57,711
5 - Pending info from RO/ Carrier (included in category 4 above)	-	-
Total	58	85,988

**LIST OF STATES COMPLETED**

Type of Process

• PC disk edited and reaggregated	28	28,277
• Scan and edit of hard copy	9	2,294
• UPIN file match	21	55,417
Total	58	85,988

**LIST OF STATES IN CATEGORY 5 - PENDING INFO (UPIN file match used)**

- NY-Empire (30,000)
- DC,DE,NJ,PA (7,095) - Phil. RO checking with PA BS; previously reported as not available

**EXHIBIT 2**  
**PHYSICIAN SPECIALTY CHANGE STUDY**

Number of distinct States/carriers and physicians with a change in specialty classification, by source of information and HCFA region

Region	Total	Source of Information		UPIN File [1]
		PC Disk	Scan	
Number of Distinct States/Carriers				
Boston	6	6	-	-
New York	5	1	-	4 (4)
Philadelphia	7	1	1	5 (5)
Atlanta	8	7	-	1 (1)
Chicago	7	3	-	4 (3)
Dallas	5	-	4	1
Kansas City	5	4	1	-
Denver	6	2	-	4 (3)
San Francisco	5	-	3	2 (1)
Seattle	4	4	-	-
Total	58	28[2]	9	21 (17)

<i>Number of Physicians</i>				
Boston	2,502	2,502	-	-
New York	2,648	603	-	2,045
Philadelphia	9,513	603	682	8,228
Atlanta	7,551	6,940	-	611
Chicago	7,837	3,590	-	4,247
Dallas	2,916	-	599	2,317
Kansas City	1,671	1,296	375	-
Denver	1,039	572	-	467
San Francisco	5,416	-	501	4,915
Seattle	3,059	3,059	-	-
Total(Undup.)	44,152	19,165	2,157	22,830

[1] ( ) represents the number of States for which data submittals were totally or partially unusable; a UPIN file match was the only option available. Does not include changes from UPIN file matches for those states where carrier reporting was used.

[2] Disks were available at onset of study for 8 States.  
Does not include two States for which disks were submitted, but not readable.

**EXHIBIT 3**  
**PHYSICIAN SPECIALTY CHANGE STUDY**

Description of States/carriers for which data submittals were either unusable or partially unusable

Unusable - did not meet BPO requirements {8 States}.

- NY(Empire) - Hard copy submittal was a computer printout of over 30 thousand line items apparently copied from the carrier's provider file. It included all providers with a specialty change recorded on the file. The listing included inactive physicians, deactivated UPIN's and non-physician provider numbers.
- PA,DC,DE,NJ(PA Blue Shield) - Submitted hard copies without UPIN's; poor quality for scanning.
- MS(Travelers) - PC disk not readable; no hard copy sent.
- MN(Blue Shield) - Submitted hard copy without UPIN's.
- VI(Blue Shield) - No submittal.

Partially Unusable - met BPO requirements, but not usable for study applications {9 States}.

- OH,WV(Nationwide) - Prior specialty classification not shown.
- PR(Blue Shield) - Submitted copy of physician forms which did not contain prior specialty classification.
- NY(GHI) - Hard copy almost illegible; note that carrier did volunteer to key data into PC format if hard copy was returned.
- CA,MI,ND,SD,WY(Blue Shield Plans) - Hard copy submittals of poor quality; difficult to edit, scan or key.

**EXHIBIT 4  
PHYSICIAN SPECIALTY CHANGE STUDY**

**Listing of Regional Office and Carrier contacts**

<b>Region/Carrier</b>	<b>Name, Phone Number, Comments</b>
<b>Boston I</b>	Charles Aylward - (617) 565-1263
CT(Travelers)	• Very responsive; PC disks for all States
MA(Blue Shield)	Mary Anne Ruede - (203) 639-3117
	Ann Ludlow - (617) 348-6279
	• Carrier services MA,ME,NH,VT
<b>New York II</b>	Diane Meyer - (212) 264-3124
NY(Empire BS)	• HKR instructed to contact carriers directly
	Neil Hoosier and Mary Cook - (914) 243-7600
	Robin Citrick - (914) 243-7606
NY(BS Western)	• No response after numerous calls/contacts
	Tanya Hart - (607) 779-6315
NY(GHI)	Jackie Burris - (607) 779-6279
	Jacqueline McNeill - (212) 721-1300 Ext 312
<b>Philadelphia III</b>	Rhoda Brown - (215) 596-4905
	• 1st contact; stated that PC disks were n.a.
	Sue Ambruch - (215) 596-0594
	Marcie Dashevsky - (215) 596-0573
	• 2nd working contact; more responsive
	• RO contacted all carriers directly
<b>Atlanta IV</b>	Jimmy Brown - (404) 331-0142
	• Very responsive
MS(Travelers)	Pat Hubbard - (601) 977-5854
SC(Blue Shield)	Elaine Herndon - (803) 788-0222 Ext 1072
<b>Chicago V</b>	Mike Sullivan - (312) 353-9846
	• HKR instructed to contact carriers directly
IN(ADMINASTAR)	Melissa Freeman - (317) 841-4419
IL(Blue Shield)	Donna Stewart - (618) 997-2311
MI(Blue Shield)	Elizabeth Armbruster - (313) 225-0133
MN(Travelers)	Irene Michel - (612) 885-2809
WI(WI Phys.Ser.)	Tom Swoboda - (608) 221-4711 Ext 3649
<b>Dallas VI</b>	Sue Herriage - (214) 767-5444
	Bob Price - (214) 767-6487
TX(Blue Shield)	Kathy Boyd - (214) 669-7416
<b>Kansas City VII</b>	Terry Bayless - (816) 426-5033
	• Very responsive
KS(Blue Shield)	Kala Hiseel and Mike Postman - (913) 291-8231
	• Carrier services KS, Western MO, NE

**EXHIBIT 4**  
**PHYSICIAN SPECIALTY CHANGE STUDY**

**Listing of Regional Office and Carrier contacts**

<b>Region/Carrier</b>	<b>Name, Phone Number, Comments</b>
<b>Denver VIII</b>	Peggye Wilkerson - (303) 844-6136 Ext 232
ND(Blue Shield)	Jodi Cost - (701) 282-1113
	• Carrier services ND,SD,WY
UT(Blue Shield)	Christine Lawrence - (801) 481-6543
	• Questions re Freedom of Info request
<b>San Francisco IX</b>	Lourdes Melonie - (415) 744-3654
CA(Blue Shield)	Cindy Lemesch - (415) 288-4716
CA(Transamerica)	Rene Flores - (213) 742-3480
<b>Seattle X</b>	Kathy Morse - (206) 553-0442
	• Very responsive; PC disks for all States
ID(CT General)	Teresa Cirelli - (208) 342-1410
WA(Blue Shield)	Judy Yurima - (206) 587-7314

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